



Munich Personal RePEc Archive

The European Map of Job Flows

Martin-Barroso, David; Nuñez-Serrano, Juan Andres;
Turrion, Jaime and Velazquez, Francisco J.
Universidad Complutense de Madrid, Universidad Autonoma
de Madrid, GRIPICO

2011

Online at <http://mpa.ub.uni-muenchen.de/33602/>
MPRA Paper No. 33602, posted 21. September 2011 / 19:24



MICRO-DYN Working Paper no. 11/11

The European Map of Job Flows

by

David Martín-Barroso, Juan A. Núñez, Jaime Turrión and
Francisco J. Velázquez (EEG-GRIPICO)

This paper was produced in the framework of MICRO-DYN (www.micro-dyn.eu), an international research project funded by the EU Sixth Framework Programme (www.cordis.lu) with socio-economic sciences and humanities (http://ec.europa.eu/research/social-sciences/index_en.html). This publication reflects only the author's views, the European Community is not liable for any use that may be made of the information contained therein.

Deliverable D79 “Update of the European Map of Job Flows”

INTRODUCTORY NOTE

The European Map of Job Flows (EMJF) is a term used in the MICRO-DYN project to denote a dataset of meso- and macro-level variables describing different aspect of labour mobility within national labour markets in Europe. EMJF is centred on the notion of job and worker “flows”, namely the changes in the level of employment at different breakdowns and levels of aggregation. EMJF is very rich in information content due to the wide variety of possible breakdown of the data and in this sense it is a “map” mostly in the virtual sense, namely, that it is not possible to visualise in the form of geographic maps all the wealth of available information. Nevertheless, EMJF does allow the visualisation – in the form of conventional geographic maps – of some of the available information, mostly at higher levels of aggregation.

In terms of its value as a research product and tool, EMJF is mostly an intermediate product in the sense that it is a convenient means to organise the relevant information, which could subsequently be used for different analytical and research purposes. It provides both for cross-sections/snapshots of job flows at different point in time but also it allows their assessment and analysis over longer periods of time. In this sense, EMJF can be widely used for various types of labour-market analysis and research. EMJF’s visual components can also be a convenient tool for policy makers dealing with labour market policies at different level (regional, national or supra-national) and issues allowing them easy and convenient graphic presentation of information necessary in the decision-making process.

The project approach to the development of EMJF followed two avenues:

- Compilation of a EMJF on the basis of firm-level data
- Compilation of a EMJF on the basis on aggregated (sectoral, regional) data

Respectively, we distinguish two tiers of the EMJF. The first tier is built up on the basis of firm-level data for individual countries, following a common methodology. The second tier was developed on the basis the Eurostat Labour Force Survey (EU LFS) which provides cross-country data at the sectoral level on the number of employed persons by various categories like the sector of activity, the educational attainment level, gender, age, and various other characteristics in a comparable manner.

The initial work with firm-level data for individual countries as compiled by individual country teams revealed a number of constraints and problems (discussed in more detail in MICRO-DYN Deliverable 73). One important constraint, though, was the fact that most datasets (with the exception of a couple of countries) do not cover the full population of firms in the corresponding country. Moreover, firm samples for some countries were not representative and/or suffered from truncation problems. Other data constraints referred to the availability and depth of sectoral and regional classifications; common definitions of categories of firms; the time period, for which data are available for all countries, etc. All these factors present problems as regards the measurement of aggregate job flows in any cross section (by country, region, industry, etc.).

In view of these problems, the project's Steering Committee decided to change the initially envisaged approach to the building of EMJF on the basis on firm-level data provided by individual countries and opt for an approach of establishing such a EMJF on the basis of the AMADEUS dataset developed by the consultancy Bureau van Dijk. The dataset in its most extended version contains balance sheet data and ownership data for almost 14 million firms from 43 different European countries (September 2009 update). For many EU countries the dataset has in principle access to the entire universe of firms which have to report a balance sheet. In terms of countries, the geographic coverage of AMADEUS encompasses information for all the 27 members of the European Union (albeit with different qualities in terms of national coverage) as well as other 16 European countries that complete the geographical and political definition of the continent. Another interesting feature of the database is given by the detailed definition of a firm's location, with data available on the region (NUTS2) and the city in which the firm operates.

This project deliverable presents the main results from the final stage of MICRO-DYN work on the EMJF. It discusses the approach to building the EMJF on the basis of AMADEUS data and illustrates the analytical potential of the EMJF as a research tool with a range of Europe-wide analytical exercises. Probably the most important outcome of this research effort is the demonstrated capability to perform meta-analysis at the European level of important labour market characteristics on the basis of firm-level data.

The Measurement of Job Flows Using Firm-Level Accounting Data. A Pan-European Analysis¹

1. INTRODUCTION

The analysis of employment dynamics over the 1990s implies an important departure from previous studies, which were basically based on net employment creation. Researchers realise that there is a set of components affecting and determining those net creation rates that should be carefully studied in order to understand the dynamics of labour. An excellent survey of this literature can be found in Grey (1995).

The origin of job flows resides on the reallocation of production factors taking place with the purpose of increasing efficiency levels across firms and economies. Firm entry contributes to employment creation whilst firm exit leads to employment destruction (Sutton, 1997). Furthermore, firms' adaptations to the economic cycle, to technological and competitiveness changes, contribute to alter employment levels (David and Haltiwanger, 1999). The literature has also emphasised the role that regulation and institutional factors may have over labour mobility (Bertola, 1992; Hopenhayn and Rogerson, 1993; Koeniger and Prat, 2007; Bentolila and Bertola, 1990; Boeri, 1999).

Davis and Haltiwanger (1992) methodology has been rapidly accepted and the distinction between worker and job flows becomes clear in research papers, emphasising the importance of the analysis of employment creation, labour hiring, labour destruction and firing, which has been recognised to contribute to better understanding of the processes of employment net creation.

¹ This Deliverable was prepared by David Martín-Barroso (GRIPICO-UCM), Juan A. Núñez (GRIPICO-UAM), Jaime Turrión (GRIPICO-UAM) and Francisco J. Velázquez (GRIPICO-UCM).

Based on micro datasets, this type of analysis can be extended across different economies and the influence that different variables and dimensions (such as size, sector of economic activity, technological activities, ownership,...) may have on observed results.

Employment dynamics is also classified in terms of whether they originated from firm dynamics (entry/exit) or alternatively from continuing firms. A fairly complete survey on this classification issue can be found in Schreyer (1996).

But most of these literature extensions have focused on specific geographical areas or a given country. Only by the end of the 1990s, when some international microdata datasets become available, one finds studies which have taken up the tedious task of computing and comparing job flows for different economies using a common methodology².

Nevertheless, there is no single study covering the majority of European countries and hence allowing the construction of the true map of European job flows. Thus the aim of this paper is to measure job dynamics across 30 European countries using microdata from the AMADEUS firm dataset under a common methodology, and hence provide some stylised facts of employment dynamics.

The specific contributions of the present paper on employment dynamics can be summarised with the following four arguments.

First, we attempt to calculate job flows for a set of 30 European countries, covering all of Western Europe and most of the European transition economies.

Secondly, in measuring these job flows, we want to distinguish between those occurring across continuing firms, and the ones associated to firm entry and exit. For this reason we need to identify as accurately as possible, firm rotation and associated employment flows. This is an important contribution, as none of the existing papers using AMADEUS, to our knowledge, has provided measures of job flows associated to firm dynamics, mainly due to the important difficulties in identifying firm entry and exit.

Thirdly, we attempt to resolve a persistent puzzle in the available literature, originated from the possible relationship between job flows and net job creation. Some theoretical

² To this respect, refer to Faggio and Konings (2003), who analyse nine different European countries; Gómez-Salvador et al. (2004) for results on thirteen Western European economies; and Haltiwanger et al. (2008) for sixteen European and American countries.

models predict a positive relationship between these two variables, arguing that lower rotation due to rigid regulation frameworks generally implies poor firm adjustments oriented towards efficiency gains, thus provoking productivity losses which hamper the capacity for job creation (see Mortensen and Pissarides, 1999 and Caballero and Hammour, 2000 for the impact of job flows on productivity, and Kugler, 2007, on the effects of regulation changes for job flows).

Finally, the present paper attempts a first exploration of the relative importance that different factors may have when trying to explain observed systematic variations of computed job flows' indicators. From the available literature, some papers assert that country factors – i.e. the institutional and industrial relations characteristics of national labour markets – are the relevant and most important ones. Others have highlighted the importance of the sector of economic activity where flows are being measured, as competitive conditions and the rate of change of technological advances are intrinsic to the sector where the activity takes place, and thus affect the intensity of job flows. Conversely, other papers claim that firm size is a determining factor to explain the strength of these flows, being particularly important in the class of small sized firms. Others emphasize the relevance of the economic cycle. In sum, we aim to evaluate the relative importance of each of these four dimensions – country, sector, size, and economic cycle – in explaining the intensity of job flows, following the methodology proposed by Haltiwanger et al. (2008).

Section Two describes the set of indicators usually employed in the available literature to quantify job flows. Section Three carries out a meta-regression analysis targeted towards the identification of the influence that methodological decisions and the type of statistical sources may have over obtained measures of job flows. The Section Four discusses the AMADEUS dataset, illustrating the processes of raw data cleaning and the followed methodology to properly identify firm entry and exit. Section Five presents results on job flow indicators, as well as the analysis of the relationships between all the components, and, in particular, of the relationship between gross rotation and net job creation. Finally, Section Six analyses the relative importance of country, sector, size and year dimensions in explaining job flows' variations. The paper finishes with conclusions and final remarks.

2. MEASUREMENT OF JOB FLOWS

The most widely accepted methodology for the empirical measurement of job flows from microdata, and that presenting best statistical properties, is the one proposed by Davis and Haltiwanger (1992, 1998, 1999) and Davis, Haltiwanger and Schuh (1996).

First of all, one must distinguish between worker and job flows - also denoted in the literature as labour turnover and job turnover. Whilst the former refers to changes associated with employees in the form of hires and separations, the second type of flows is strictly linked to jobs/activities rather than people. Both are indeed related, job flows are basically at the lower end of worker flows as job shifts trigger worker flows, but not the other way round³. In this sense, worker flows present a more comprehensive picture of the dynamic changes in employment, whilst job flows refer to the firms' capacity to create or destroy employment (see OECD, 1987).

In order to measure job flows, including those originated in the processes of firm creation and destruction, it is necessary to properly identify firm dynamics, distinguishing entrants and exiters from those that continue, and across this last group, differentiate firms in terms of their employment maintenance, their operations, creation or destruction:

- i. Entrants, employment creators. Firms operating in the current period of interest that did not exist in the previous period. First, the incorporation year, which constitutes the legal date for firm establishment, must be differentiated from the year when the firm actually starts its market activity, which may coincide with the incorporation year or may take place at a later stage. The chosen criterion consists in approximating the effective year of entry, as explained in the following Section, rather than assuming the incorporation year as year of entry, which would impede identification of entry for a large set of firms⁴ and hence associated employment creation.

³ Davis and Haltiwanger (1992) introduce the relationship between workers flows (hires and separations) and job flows (jobs created and jobs destroyed) in the following way:

$$\text{Net employment change} = \text{Hires} - \text{Separations} = \text{Jobs created} - \text{Jobs destroyed}$$

In this respect, Burgess, Lane and Stevens (2000) refer to "churning" flows as the difference between workers flows and job flows.

⁴ Refer to Baldwin et al. (2002) with respect to firm entry issues and the methodological problems encountered in its proper identification. Depending on the type of the information used, some papers, as Mata (1993), identify firm entrants as those with age under three years old. In fact, very often the incorporation year does not coincide with the year activity starts. In this analysis, following Baldwin et al. (2002) proposal, we

- ii. Exiters, employment destructors. Firms operating during the previous year, with no activity along the current year of interest. Identification of exit year is somehow more complicated than entry year detection, as there is usually no precise information on firms' departures. Additionally, it is important to attempt differentiation between market exit and database exit, as firms may have just ended their collaboration with data collectors whilst maintaining their market activities. For this purpose it is useful to consider the legal status of the firm, a commonly available variable in accounts' databases such as AMADEUS, and confirm whether the firm status is active or alternatively, on the way to a closing down position⁵. This information and the observation of activity variables such as production, net sales, personnel expenses, revenues,..., reflecting the presence of normal market activities, allow approximation of the exit year. Furthermore, AMADEUS microdata confirm that in most cases, firms close down without going through transitory legal status. Often, AMADEUS only offers the information of active firms in each of its updates. For this reason, whenever a firm stops offering information of its normal activities for three consecutive years, we assume that the firm has gone out of the market.
- iii. Continuing firms.- These are obviously the easiest ones to identify, as they operate in the previous and current years of interest. Nevertheless, large panels often present information gaps for some firms along certain years of its corresponding time series. In these cases we consider that these firms continue their activities and thus impute their employment level along the existing information gap. Continuing firms are finally classified as (i) employment creators or expanding firms, those augmenting their annual number of workers, (ii) employment destructors or contracting firms, those presenting decreases in their employment level, and (iii) those with stable employment, which neither increase nor decrease their number of employees.

Thus job flows indicators present a three dimensional perspective, (i) through the impact on employment (creation and destruction), (ii) as a function of the type of firm

assign entry to a unique year, which may take place up to three years after that of legal establishment, and compute employment creation along defined entry year.

⁵ For the majority of countries (23) AMADEUS provides detailed status information. For the remaining countries, only active companies appear in the database. Companies from Finland and Luxembourg don't show information on their status. Only some countries, apart from having information on inactive firms, offer information on transitory stages which usually end up in a closing down solution, i.e. in liquidation, dissolved, dissolved (demerger) and dissolved (merger).

generating the flow (incumbent or entrants/exiters), and (iii) as a function of the type of indicator, either elementary (gross indicators) or derived (net indicators, rotation, and excess rotation).

According to this distinction, the economic literature has considered several indicators to properly measure the magnitude of job flows. In this respect, the **gross job creation rate** is simply the ratio of the employment increase due to job creating firms, over the average employment level (calculated as the arithmetic mean between the number of employees at the end of the previous and the present years), distinguishing between continuing and entering job creating firms. In the other side, the **gross job destruction rate** registers the decrease in the number of jobs divided by the average employment level, distinguishing too between those continuing and exiting job destructing firms. When the indicator is computed at firm level, average employment (of firms in previous and current years) goes to the denominator of the ratio. Alternatively, when the indicator refers to sectors of economic activity, average employment is calculated for the complete set of firms operating in that sector of economic activity, independently of the nature of each firm, either employment creators, destructors or maintainers.

Adding up these two indicators generates the **gross job reallocation**, which works as an employment rotation indicator in a given sector of economic activity, region or country. Alternatively, subtracting gross job destruction from gross job creation gives **net job creation** (a measure of created or destroyed employment in aggregate terms). It is obvious that these last two indicators can be calculated for continuing firms, as well as for entering/exiting firms allowing analysis of employment changes associated to firm dynamics. Finally, the difference between total gross job reallocation (from both type of firms, those continuing and those participating in firm dynamics) and total net job creation gives the **excess job reallocation**, which measures job rotation not associated to job creation. The relationship between all these indicators is illustrated in Figure 1 and their definition is recorded in Table 1.

[Figure 1 around here]

[Table 1 around here]

Davis and Haltiwanger (1992) propose a normalisation process consisting in dividing by the average employment of previous and current time periods' employment, as

employment data often refers to the employment level observed at the end or the beginning of each year, and hence, average employment can simply be calculated by its simple arithmetic mean. There are additional advantages associated with this normalisation process, as it is the calculation of employment creation and destruction rates at firm level for those that enter/exit the market, normalising the value for individual firms within the range -200 to 200, which correspond to the extreme cases of employment destruction and creation, respectively⁶. In fact, the different definitions of destruction and creation rates in aggregate terms, as stated in Table 1, make the values of these indicators vary from 0 and 200. This brings about some inconveniences, as firms at their entry or exit moment have a value for the gross rate equal to 200, independently of the quantity or intensity of created/destroyed employment.

3. A DIFFERENT METHODOLOGICAL APPROACH TO MEASURE JOB FLOWS: A METANALYSIS

An important question that arises when measuring and comparing job flows, is to what extent the dataset characteristics or the chosen regional or sector classification, may influence final results. As our central aim is to be able to calculate job flows for the largest possible number of European countries, we opt for a thorough review of the available literature generated under very diverse dataset characteristics. Integrating these results into a meta-regression analysis, the influence of data characteristics and adopted methodological decisions on computed results can be evaluated. This technique was originally introduced by Stanley and Jarrell (1989), is a methodological approach widely used across the medicine and biology disciplines.

The basic purpose behind meta-regression analysis is to obtain robust conclusions on the value of a given parameter/indicator of interest, using a broad number of previously obtained observations on that given parameter, and thus allowing for a significantly enough range of variation. These differences are then attributed to meta-independent variables, which in fact identify methodological and information characteristics inherent to each of the considered studies. Taking j previous results from the available literature, one can define a

⁶ If the denominator was to register employment in the previous period, this indicator could not be calculated for entrants. Alternatively, considering current employment in the denominator would not allow computation of the indicator for exiters.

meta-regression model for a given parameter b_j , i.e. observation j for a certain job flow rate, in which differences are explained in terms of mentioned characteristics and denoted in expression (1) by Z_{jk} .

$$b_j = \beta + \sum_{k=1}^K \alpha_k Z_{jk} + e_j \quad j = 1, 2, \dots, L \quad (1)$$

Where b_j is the estimated value for β in the j th paper of the L revised ones, β is the value of reference for b values, Z_{jk} is the k th meta-independent variable describing a relevant characteristic and explaining systematic variations in b^7 , and α_k represents the meta-regression coefficient reflecting the influence of the k th characteristic on job flows measurement. Statistically significant α_k values indicate that Z_k characteristics have a differential effect over b values, with regard to a set of established characteristics of reference. In other words, resulting characteristics represent those methodological or information aspects that make b values vary across studies.

Evidently, this type of analysis requires (i) a sufficiently large number of considered publications so there are enough degrees of freedom to capture bias induced by methodological or information issues, (ii) a sufficiently wide range of variation in b_j values, and (iii) that considered options are completely combined amongst all of them and not by groups, so there is no identification problems of the meta-regression model due to multicollinearity (in fact, this is the condition showing most important problems).

To this respect, we take into account 32 papers measuring the intensity of job flows and providing 1,072 different observations for several measures. The complete set of papers is listed in Table 2.

[Table 2 around here]

Figure 2 shows the obtained values for the set of job flows indicators referred to continuing firms as well as the full set of firms. As shown in Figure 2, considered results vary significantly.

[Figure 2 around here]

7 In practice, Z variables are computed as dummy variables for each of the possible values a given characteristic can take.

Close inspection of considered studies allows identification of the relevant methodological and information differences amongst them. We classify these differences in three groups, (i) specific characteristics of the used dataset, (ii) different aggregation level of results, and (iii) coverage of dataset, *cf* Table 3.

[Table 3 around here]

In terms of the first classification, we consider the data source, the unit of analysis and the possible existence of a certain threshold for which data cannot be obtained, i.e. micro firms or even those under 20 workers are often excluded from the analysis (in practise, as most of considered studies offer results by size classes, this characteristic cannot be included in the meta-regression analysis).

With regards to the aggregation level, indicators have been calculated for different levels of regional disaggregation within countries, as well as for different classification schemes of economic activity, size classes, employment type and form of ownership.

Finally, we take into account differences in terms of the analysed country or group of countries and the time horizon coverage.

In order to assure robustness of results, the meta-regression analysis has been carried out for the indicators referring first to continuing firms –most papers don't offer information on job flows derived from firm dynamics due to the difficulty of firm exit/entry identification– and seconds for the complete set of firms. The number of observations obviously differs from one case to the other. From the total 1,072 different observations, 573 are associated with continuing firms, and 606 to the complete set of firms, hence overlapping occurs in 107 cases.

The econometric analysis requires definition of indicator variables for each of the different Z_k characteristics. From the complete set of possible realisations that a given characteristic may take, one must be dropped to avoid multicollinearity. Thus the value of estimated coefficients refers to the differential effect of the associated characteristic against the omitted one.

The benchmark set of characteristics systematically dropped from regressions is constituted by those studies whose results are based on firm surveys for samples presenting no threshold levels. From the regional perspective, data should be observed at the national

level. Firms belong to the manufacturing sector, are of medium size⁸ and classified under “other types of firms”, referring to those with foreign capital, cooperatives... Jobs are full time and permanent. Finally, the benchmark includes transition economies for the period 1990-1994.

For both types of considered firms, continuing and the complete set with no distinction, the meta-regression analysis is carried out for the four possible indicators: gross job creation rate, gross job destruction rate, gross job reallocation rate and net job creation rate. Results of these eight estimations are presented in Table 4. Their appropriate interpretation requires consideration of existing interrelations between some methodological options that occur simultaneously. We have tried to avoid these interconnections as much as possible, nonetheless in some situations this turns out impossible.

[Table 4 around here]

The nature of the used dataset does matter, when in principle, the desirable outcome would be a no influence on job flows realisations result. However, there are two additional factors participating in, (i) coverage and representativeness oriented biasness, and (ii) type of unit of analysis. Studies using data from commercial datasets –generally based on firm level data and with better coverage over large enterprises– show lower job flows (as it is the case for AMADEUS) than those observed with survey based information, as although they also have larger coverage rates of large firms, surveys can be carried out at the firm and plant level. Alternatively, results from census and official registries often overstress rotation rates as a consequence of the presence in this type of datasets of large number of micro firms, which usually show higher rates of employment creation/destruction. Finally, studies based on Labour Force Survey statistics, although built on worker information, express rotation as a function of the change in enterprise, resulting in lower values for the rotation indicators.

Characteristics associated with usage of plant level data show in the first place a negative sign on the magnitude of job creation and destruction rates when considering just continuing plants and not when including all plants. This negative sign represents a net effect with respect to corresponding benchmark characteristic –firm rather than plant survey based information. When this mentioned negative parameter is jointly evaluated with those

⁸ According to Eurostat size classification, at least 50 and less than 250 workers.

representing census and registry information on plants, the sign turns to being positive as expected, at least in the case of rotation indicators.

In terms of considered data disaggregations, a surprising number of studies offering regional information show lower effects than those referred to a national context, when intuitively, a neutral effect should be observed. The existence of important differences in size across regions and employment flows may rest behind this observed phenomenon.

With regard to sectors of economic activity, services show the largest effects over indicators, and the energy sector the lowest ones in relation to remaining economic activities. These results are consistent with the intrinsic differences of each type of activity in terms of their dynamics. With respect to size, micro firms influence employment flows to a greater extent than large ones, and this result in fact, helps explaining the zero effect found for the threshold characteristic. Publications in which the smallest firms have been removed from the sample generate relatively lower values for job flow realisations.

Finally, the geographic analysis reports relatively higher job flows for continuing firms located in Europe (Western and transition economies), whilst the smallest ones are encountered in Japan. From the time horizon perspective, the periods 1970-1974 and 1995-1999 (both being post crisis adjustment periods) show higher flows, whilst lower flow levels correspond to the 1985-1989 period.

In sum, the meta-regression analysis allows identification of the influence that certain characteristics such as the type of dataset, the level of disaggregation for which indicators are calculated and the geographical and time coverage, have over available measures. Inspection of these meta-regression results and their interpretation with respect to the type of data employed in this paper to measure job flows in Europe, predicts that employment rotation for continuing firms should be in the range 19 to 23 per cent, and between 22 and 26 per cent for the complete set of firms.

4. DATA: AMADEUS DATABASE

The raw data for job flows measurements comes from AMADEUS⁹, which provides information for almost 14 million firms from 43 different European countries (September 2009 update). Precisely, the large coverage in terms of firms and countries at the European level constitutes an important advantage of this dataset for the purposes of this study. However, due to a variety of problems –low coverage rates, outliers, lack of relevant variables to compute indicators– only 30 countries are included in the analysis¹⁰. For the set of considered countries, some years have also been dropped, and in general, the covered time horizon is 1998-2006¹¹, thus job flows are referred to the 1999-2006 period. Table 5 lists the set of countries and associated time spans.

[Table 5 around here]

When working with AMADEUS one must realise that in each update, the Bureau van Dijk removes firms that have not provided information for more than three consecutive years. This implies that in each specific update, one can only identify the firms that exit in just one year¹². In order to have access to firm dynamics and hence, be able to compute associated job flows, we have had to construct a dataset covering the complete set of information contained in all AMADEUS September updates from 2002 to 2009.

Raw AMADEUS data has been deputed from outliers in two stages. Along the first stage, we drop observations from those years of firms presenting extremely high or low ratios with respect to the average value of the sector they belong to –sector definition according to NACE 4 digits whenever it has a sufficiently large number of firms, more than a hundred. Ratios are calculated for all possible variables: employment, sales, intermediate consumption, and personnel expenses. After that we identify those firms whose employment evolution is

9 AMADEUS is an accounts database elaborated by Bureau van Dijk from information offered by National providers.

10 Countries removed from the analysis correspond to: Luxembourg, Cyprus, Malta, Bosnia-Herzegovina, Macedonia, Montenegro, Serbia, Belarus, Moldova and Liechtenstein.

11 Omitted years within parenthesis are as follows, Poland (1999-2001 and 2006); Slovakia (1999-2000); Slovenia (1999-2002 and 2006); Romania (1999-2002 and 2006); Russian Federation (1999 and 2006); Ukraine (1999 and 2006); Iceland (1999); Norway (1999).

12 The last available update (September 2008) when this research began included information up to 2005 and 2006 for some countries; nonetheless, the dataset had erased all firms not providing information since 2003. This implies that firms operating in 2003 and being in their last year of activity, correspond to those exiting in 2004, as shown later on. Thus the first and last years in which exit is observed for all countries is 2005.

far from credible. In some of these cases, it is just a question of units in which the quantities are expressed –and amendment is simple, dividing or multiplying by a thousand–, but in others, the observed employment evolution does not fit any concrete pattern. To identify these particular cases we evaluate the indicator of expression (2) and choose those firms whose associated value is higher than a thousand¹³.

$$\frac{\max(\text{emp1999}; \dots; \text{emp2006})}{\min(\text{emp1999}; \dots; \text{emp2006})} [\min(\text{emp1999}; \dots; \text{emp2006})]^{1/4} \quad (2)$$

We define six different dates to establish the activity period of each firm, three for entry (first available year, legal incorporation year, and entry year), and three for exit (last available year, legal date when activity ends, and exit year).

The first/last available year corresponds to the year when the firm starts/stops offering information on variables such as employees, operating revenues/turnover, cost of employees, value added, gross profit or operating profit etc., along the period 1998-2006. The legal incorporation year is given by AMADEUS and represents the legal date of firm creation and may or may not be equal to the year of entry, which can actually take place at a later stage¹⁴. The legal date when activity ends is reported by AMADEUS only for a small set of firms, and when available, it tells the change in status date.

Thus, from these four pieces of data, we estimate market entry and exit years. We assign entry to the first available year as far as first available year is not more than two periods ahead from legal incorporation year, in which case entry is identified with this legal establishment date¹⁵. With respect to exit, it is defined to take place the year after the last available year whenever the firm has information on the legal date activity ends, and these two dates are not apart more than two years. If the legal date when activity ends comes more than two periods after the last available year, exit is set to the year after the one referred to in the legal date when activity ends. Finally, for those firms with no legal date when activity

13 Note that expression (2) is the ratio of the maximum to the minimum employment values, multiplied by the fourth root of the minimum one. This indicator gives largest values to those firms presenting largest minimum employment levels. To illustrate this, a firm with employment within the 1 to 900 employees range would be feasible, whilst the indicator identifies as infeasible firms with 10 to 9,000, or 100 to 90,000 employees.

14 Refer to this respect to Baldwin et al. (2002).

15 Note that the first available year happens during or after the year of establishment and hence, entry year will be greater or equal to the year of establishment and less or equal to first available year.

ends and that have stopped giving information, we set exit to the year after the last available year¹⁶.

Once entry and exit years are identified, to consider a firm as valid for the analysis it must be operating at least for a year, i.e. the difference between the exit year, and the entry year must be greater or equal to one. For those firms operating for more than a year and with information blanks (i.e. with no information along a period which has been previously identified as active), we forecast quantitative variables (basically employment) linearly, whilst qualitative variables are set equal to the closest available observation in their associated time series. Lastly, those firms/years for which there is no data on employment are removed from our final sample. Thus the sample varies across years from 1,728,642 in 1999 to 3,700,725 in 2005, with an average value of 2,865,269 firms per year.

The variety of information sources across the different European countries (see Table 6), from which AMADEUS is constructed, means that coverage varies widely across countries, regions, sectors of economic activity, and size classes. In order to evaluate sample coverage and representativeness we compare both, the number of firms and employment levels in the sample, with those same variables provided by the Structural Business Statistics (SBS) from Eurostat¹⁷.

Average coverage in terms of number of firms –considering only those firms presenting employment values– is 15.5 per cent, oscillating between 1.5 per cent in Portugal and 74.5 per cent in Romania,. Coverage by sector is fairly large in the case of Mining and Quarrying (49 per cent) and pretty low in Hotels and Restaurants (8.7 per cent). In terms of size classes, coverage increases with size, with 11.4 per cent coverage rate across micro-firms, and more than 70 per cent in terms of medium and large firms. Finally, coverage by year increases with time, attaining a maximum value of 17.9 per cent in 2009.

Similar trends are observed when coverage is evaluated from the employment perspective, nonetheless, resulting rates are much higher reaching the 88.8 per cent level. These high coverage rates are partly due to the inclusion of consolidated information from parent companies. AMADEUS does not allow extraction of non-consolidated information

¹⁶ Therefore, exit takes always place after the last available year and the date activity ends.

¹⁷ SBS covers the 27 countries integrating the European Union (EU-27) and Norway, gathering the information by sector (according to NACE rev. 1.1 2-digits, sectors C, D, E, F, G, H, I and K), size class, country and year.

from parent companies, thus consideration of this data is only possible when incorporating consolidated accounts from parent companies. This has the disadvantage of overestimation of employment levels and underestimation of job flows. Conversely, exclusion of consolidated data results in underestimation of employment –as employment of parent companies is excluded– and overestimation of employment flows given the intrinsic characteristics of this type of firms. Although the phenomena affect results for all different groups of firms, it is more relevant for those countries with higher participation rates in parent companies (Germany, Nordic Countries, France, The Netherlands and United Kingdom), and the Energy, Manufacturing, and Business sectors, and of course, across large firms.

5. MAIN RESULTS

Presentation of the main obtained results is structured in three different parts. First, we analyse firm distribution according to the process of employment creation and destruction. Next, we present the results of job flow indicators described in Section 2 under four different dimensions: country, sector –considering too the usual classifications for technological content and knowledge intensity–, size class and year. Finally, we look for the existence of statistical relationships amongst obtained indicators, paying special attention to the links between gross job reallocation and net job creation. All shown results correspond to average annual rates for the period 1999-2006.

5.1 Classification of firms in terms of their employment dynamics

The distribution and classification of firms according to their capacity to create or destroy employment shows that about half of considered firms¹⁸, in time and country average terms, maintain their employment levels with respect to the previous period (*cf.* Table 7). Nonetheless, a wide range of variation is observed across countries, from the 14 per cent encountered in the Russian Federation and Lithuania, to the 91 per cent of Greece. Employment creators (due to continuing and entering firms) account for 30 per cent of total firms when considering all countries; however, the range of variation for individual countries is wide too, at the bottom of that distribution is Greece, with just 7 per cent of employment

¹⁸ The proportion of each type of firm is calculated according to the number of existing firms in each year (incumbent and entrants). We also offer the participation rates for exiters and thus the sum of all percentages turns out greater than 100 per cent.

creators, whilst at the top, we find Latvia, with a 59 per cent rate. The weight of entering firms is around the 5 per cent level, with at least 10 per cent rate observed in Estonia and Romania. Employment destructors account for more than 25 per cent of total firms, varying from the 6 per cent rate observed for Ireland, to the 46 per cent level of Lithuania.

[Table 7 around here]

Four types of countries are detected. A first group, covering thirteen countries (Austria, Finland, Germany, Sweden, Poland, Italy, Spain, Portugal, United Kingdom, Bulgaria, Estonia, Iceland and Hungary), shows a percentage of firms participating in employment dynamics that ranges from 30 to 80 per cent, with a differential of +/- 25 per cent between employment creators and destroyers. The second group includes countries in which employment destroyers dominate over remaining firm classes. Within this last group, we distinguish between four countries with an intermediate percentage of firms showing employment changes (The Netherlands, Czech Republic, Slovakia and Norway), and another three countries in which strong restructuration processes must be taking place, as many of their firms present high rates of employment changes (Russian Federation, Slovenia and Ukraine). The third group is constituted by four countries, Lithuania, Romania, Croatia and Latvia, and, with the exception of Lithuania, these countries are characterised by having a larger number of firms creating employment and high participation rates in the processes of employment creation/destruction. Finally, a fourth group of countries includes those economies with low rates of job creators and destroyers (Greece, Ireland and Switzerland).

When dividing the sample in two blocks, Western European countries and transition European economies¹⁹, the former group presents a higher percentage of firms with stable employment (57.5 per cent in contrast to 37.4 per cent) and thus a lower participation of employment creators and destroyers as well as half the rate of firms leaving the market.

The distribution of services and manufacturing firms as a function of their capacity to create/destroy employment appears in Table 8. Manufacturing firms are more dynamic than services firms (60 per cent of manufacturing firms show employment changes, whilst for

19 Western European countries include Austria, Belgium, Denmark, Finland, Greece France, Germany, Italy, Spain, Sweden, Portugal, United Kingdom, Ireland, Netherlands, Iceland, Norway and Switzerland, whilst transition countries contain Bulgaria, Czech Republic, Estonia, Hungary, Latvia, Lithuania, Poland, Slovak Republic, Slovenia, Romania, Russian Federation, Croatia and Ukraine.

services this figure is slightly lower and amounts to 50 per cent). However, when analysing firm dynamics in each particular sector of economic activity, services firms show in general larger²⁰ rotation rates as one could expect from the existing literature (Armington and Acs, 2000 point out this regularity and attempt to disentangle the reasons causing it).

[Table 8 around here]

The classification of firms according to their technological content and intensity of knowledge allows identification of important patterns in employment dynamics (*cf.* Table 9). In first place and for all analysed countries, the manufacturing sector –where contracting employment firms are observed in a generalised manner– under the high-technology manufacturing industries division shows the highest percentage of firms maintaining their employment level, about 50 per cent of them. In fact, when considering employment maintainers together with those firms creating employment, the high technology division shows best behaviour, 5 percentage points on top of firms under the low-technology manufacturing industries. Precisely, medium-high-technology manufacturing industries present the lowest value for this ratio of employment maintainers and creators.

[Table 9 around here]

Similar patterns are observed in the services sector, although in this case, one has to take into account that the number of firms increases in the considered time period. The activities with higher technological content and knowledge intensive show the lowest values of employment destruction and the highest rates of firm entry.

Table 10 shows results for all countries by size classes. This analysis offers some interesting regularities. Small firms are very dynamic, the proportion of entrants/exiters is higher, and from those continuing firms, the ones maintaining employment dominate those generating job flows. In fact, this first observation reverses as firm size increases, thus job dynamics turn to be more important across continuing firms, and at the same time, the proportion of firms entering/exiting the market decreases. Whilst the processes of job

²⁰ This result may be related to AMADEUS mechanisms for the inclusion and exclusion of firms. For firms with a late entry, i.e. more than two years, entry cannot be observed and the firm is classified as a continuing firm. The same occurs with exit, which is often difficult to assign, and our identification methodology described in Section 3 tends to underestimate exit along last years of considered time horizon.

creation and job destruction are related to firm dynamics along the group of small firms, established medium and large firms are the ones leading job dynamics.

[Table 10 around here]

The analysis by year illustrates a slight increase in the weight of continuing firms, a decrease in the rate of entering firms, and above all, a remarkable raise in the number of exiting firms (cf. Table 11).

[Table 11 around here]

5.2 Results on job flows indicators

Before going into the study of specific job flows' indicators, it is convenient to state some organisational directions for a more clarifying understanding of presented results. Tables 12 to 17 register results for the set of indicators described in Section 2. In order to simplify the exposition of results, the values of the indicators derived from firm dynamics are not presented in these mentioned Tables²¹. Further, it is a usual practice to present indicators in the form of time averages. The lack of coverage or changes in coverage rates, measurement problems –for instance, due to differences between the natural and the accounting year– and the cyclical behaviour of the labour market, all suggest having this time series perspective. It is also important to note that whenever the information is presented for each of the classes of a given dimension, the information is necessarily aggregated for the rest of dimensions²². The information to a greater degree of disaggregation can be retrieved from the Appendix. For detailed results with all possible interactions between considered dimensions refer to Centralised Database of the MICRO-DYN research project²³.

5.2.1 Job flows by country

Geographical disaggregation has only been carried out at the country level, as the regional classifications provided by AMADEUS for many of the included countries are different from the EUROSTAT regional classification systems (NUTs-2 or NUTs-3) and

21 Nonetheless, job flows indicators associated to firm dynamics can be easily computed from provided information, by just subtracting the value of the indicator evaluated for continuing firms from that obtained for the total number of firms. The Appendix offers job flows indicators derived from firm dynamics.

22 Considered dimensions correspond to country, sector, size class, and year.

23 <http://www.micro-dyn.eu/>

correspond to country specific administrative regions, impeding international comparison of results.

The analysis of the intensity of aggregated job flows –for the complete set of firms– shows very divergent results across countries. According to observed values for job reallocation and net job creation rates, we define four different types of economies (*cf.* Table 12). The first group is constituted by countries reducing their employment levels and whose rotations rates are below average. Within this first group we further distinguish between two additional types of economies, (i) a group of small Western economies including Austria, Ireland, Netherlands and Switzerland, and (ii) four transition economies, Czech Republic, Hungary, Poland, and Slovenia. Another group of countries is characterised by having high rotation rates and high levels of employment creation, formed by Belgium, Denmark, Italy, Spain, United Kingdom, Iceland, Norway, Estonia and Romania. There are other economies, in which a direct relationship between rotation and net job creation cannot be established, it is the case of five transition economies (Bulgaria, Lithuania, Slovak Republic, Russia, Ukraine) and Germany, which in a way, shows the effects of the unification process. This set of countries shows high rotation together with employment destruction. Finally, Finland, France, Sweden, Portugal, Letonia, Croatia, and specially Greece, show low rotation rates and net job creation.

[Table 12 around here]

Thus the question coming to mind after this first look at results is whether there exists a relationship between rotation and net employment creation. Or equivalently, are those economies which show higher flows in their labour markets (in the form of job creation and destruction) also the ones with more net job creation? In fact, the answer is far from trivial. A first exploration consists in computing time averages for each country and both variables in order to find out whether they are related or not (see Figure 3). In principle, no relationship is observed between these two indicators²⁴. However, distinguishing between Western European economies and those in transition processes, the relationship appears and is reinforced when considering in regressions all the observations of the cross-sectional time series –pooled data– rather than just time averages. In fact, there is a direct relationship in the

²⁴ In fact, a negative sign turns out from estimations, although parameters are statistically equal to zero.

case of Western economies, so that the higher rotation rates are, the larger are net employment increases (see Figure 4).

[Figure 3 around here]

[Figure 4 around here]

However, for those countries under intense restructuration processes, as is the case for transition economies, the relationship turns out to be negative (see Figure 5). In this case, high rotation is due to high gross employment destruction not compensated by net employment creation.

[Figure 5 around here]

The result that higher rotation may be due either to changes taking place between continuing firms or simply as a result of firm rotation deserves further inspection. Firstly, firm entry tends to affect employment creation to a lesser extent than it actually does firm exit to employment destruction (*cf.* Table 13). In fact, only in four countries (United Kingdom, Bulgaria, Estonia and Romania) the weight of firm entry on employment creation is higher than that found for firm exit and employment destruction. On average, 19 per cent of created employment is due to entry of new firms, whilst 36 per cent of employment destruction is due to firms exiting the market²⁵. Secondly, a great heterogeneity is observed across countries in terms of the just mentioned participation rates, from a 5 per cent gross reallocation rate in Bulgaria to almost a 75 per cent rate in the case of Greece. In fact, firm turnover participation on employment dynamics is larger in Western European economies than in transition countries, in terms of both, gross job creation and gross job destruction.

[Table 13 around here]

5.2.2 Job flows by sector, technological content and knowledge intensity

Table 14 presents results for sectors of economic activity. Important employment rotation is observed along primary and services' sectors, although results with respect to employment net creation are very different. Services sectors show in fact a slight tendency

²⁵ In order to appropriately interpret this result, it is important to note that only firm entry taking place during the first year of actual market activity has been considered, and there is evidence that the firm enters with a smaller size than that observed once stabilised around its third operating year.

towards net employment creation associated to continuing firms, as results generated by firm dynamics show precisely the opposite sign. Thus continuing firms, as it occurs across remaining sectors of economic activity, are the ones confirming best behaviour. In the primary sector strong employment destruction is observed, in this occasion provoked by continuing firms reducing the size of their labour force.

[Table 14 around here]

The manufacturing sector shows lowest rotation rates accompanied by notorious levels of employment destruction, possibly reflecting restructuration of production processes across Europe, and the increase in offshoring mechanisms. Nonetheless, continuing firms show a moderate but positive result in terms of net employment creation. So employment destruction is mainly associated to firm rotation, where created employment derived from firm entry does not compensate destruction originated in firm exit. Further, the inclusion of transition economies amplify this observed result as they undergo deep restructuration processes of their manufacturing activities, as a consequence of their productive transformation, and restructuring processes following the initial push of foreign direct investment.

In fact, when distinguishing between Western European and transition economies, notorious differences arise²⁶. In the Western European countries, only the primary and manufacturing sectors show negative rates for employment net creation, whilst transition economies show negative rates in all sectors of economic activity. Additionally, the transition countries show systematic net reductions in employment not just from firm exit but also from continuing firms.

The analysis of results derived from the classification of activities according to their technological content and knowledge intensity offers important differences too (*cf.* Table 15). Firstly, and taking into account that services generally show larger rotation rates than manufacturing, the medium-high technology manufacturing industries show poorest results, in the form of low rotation and a relatively high and negative net rate of employment

26 Western economies include Austria, Belgium, Denmark, Finland, Greece, France, Germany, Italy, Spain, Sweden, Portugal, United Kingdom, Ireland, Netherlands, Iceland, Norway and Switzerland. Alternatively, the group of transition economies covers Bulgaria, Czech Republic, Estonia, Hungary, Latvia, Lithuania, Poland, Slovak Republic, Slovenia, Romania, Russian Federation, Croatia and Ukraine.

creation. Results are in general fairly poor along those activities less intensive in knowledge and technology, in fact, the low-technology manufacturing industries and less knowledge-intensive services, both show high rotation rates and negative results in terms of employment net creation.

[Table 15 around here]

When taking the above technological classification one step further by means of distinguishing amongst the two blocks of countries –Western and transition economies– the last group shows again higher rotation and less net employment creation. To this respect, strongest differences between these two types of economies are encountered along those activities with highest technological content and knowledge intensity. In fact, high-technology manufacturing industries show 8 percentage points difference between these two blocks of countries in terms of net employment creation mainly motivated by employment destruction associated to exiting firms. Whilst gross employment destruction originated by firm exit is 8 per cent for transition economies, that same indicator has a value of 4 per cent in the case of Western European countries, whose gross employment creation rate associated to firm entry is .5 per cent as opposed to the 1.1 per cent level encountered for transition economies. A very similar result is obtained for the high-technology knowledge-intensive services, reinforcing the idea that there exist fundamental differences in the employment dynamics between these two blocks of countries. In fact, this pattern applies to the rest of manufacturing sectors of medium technological content as well as the knowledge-intensive services (market and others), and the less knowledge-intensive services, in this last case possibly due to the decrease in the number of firms dedicated to education, health, and social protection, among the Eastern European countries.

5.2.3 Job flows by size classes

The analysis by size classes also offers interesting results (refer to Table 16). The positive relationship observed between rotation and net employment creation appears ratified, at least in aggregate terms. An inverse relationship emerges, as already noted by the available literature (in this respect refer to Haltiwanger et al., 2008), between size on one side, and rotation and net employment creation on the other. Micro-firms are the ones presenting highest rotation rates, 26.4 per cent, and at the same time, the highest values for net employment creation, with an annual rate of 1.7 per cent. In the opposite extreme are medium and large firms, displaying the smallest rotation rates and the poorest results in terms of net

employment creation. Distinguishing amongst the two considered blocks of economies, observed patterns are maintained, though the inverse relationship between size and rotation and net employment creation is intensified for the group of transition economies. Thus the observed differences for transition economies in terms of their gross employment rotation and net employment creation between micro and large firms are above 15 and 10 percentage points, respectively, whilst in the case of Western European countries these differences reduce to 3 percentage points in the case of gross employment rotation and less than one percentage point in terms of net employment creation. The intensity of this inverse relationship is such that micro-firms in transition economies show an enormous capacity for employment creation due to high rotation levels, opposite to those same firms belonging to Western European economies, whose ability to generate employment relies basically on continuing firms.

[Table 16 around here]

5.2.4 Job flows by size classes

Finally, with regards to the evolution in time of considered indicators, bearing in mind already mentioned limitations and taking into account the late entry to the sample of some of the countries, two different time periods can be identified, (i) 1999-2001 and (ii) 2002-2006 (*cf.* Table 17). The first time period is characterised by lower rotation rates and positive results in terms of employment creation originated mainly by firm dynamics. Along the second period, the increase in rotation does not lead to employment creation; instead, higher rates of employment destruction are observed. These patterns are not reproduced when distinguishing amongst the two considered blocks of countries, at least for the case of transition economies, which show an increase in rotation rates associated with continuing firms as well as in relation to firm dynamics around the middle of the time period, and on top of this, highly negative rates of net employment destruction along the 2003-2004 period.

[Table 17 around here]

5.3 Statistical relationships amongst job flows indicators

We now turn into the analysis of existing relationships in a more precise manner. In aggregated terms, there is inconclusive evidence that larger employment dynamics lead to greater net employment creation. In order to verify this and other contemplated relationships, we calculate indicators for each of the group of firms defined according to four different

characteristics, (i) country of origin (30 different ones), (ii) sector of economic activity under NACE 2 digits (64), (iii) EUROSTAT size classes (4), and (iv) year (8)²⁷. With these data we estimate OLS regressions amongst all available indicators. Main results are presented in Table 18.

[Table 18 around here]

In general, results highlight the existence of strong statistically significant relationships amongst the thirteen considered indicators, although associated coefficients of determination are not systematically high in many cases, indicating low degree of association between variables. This is the case, as it could be expected, between employment destruction and creation, showing a negative relationship in the case of continuing firms, which turns into positive when these values are associated to firm dynamics and thus the complete set of firms. To this respect, this result is consistent with that of Boeri and Cramer (1992) and Baldwin and Gorecki (1990), who assert that market entry is the driving force behind aggregate employment trend growth.

On the other hand, this relationship is greater between employment creation and destruction on one side, and reallocation on the other, being positive in both cases but more intense in the case of employment destruction. Employment creation and destruction are also associated with the net job creation indicator, showing a positive relationship for gross employment creation and a negative one in terms of gross employment destruction –in fact net job creation is computed as the difference between gross creation and gross destruction. Here too, the relationship is more intense in the second case.

Perhaps, a more interesting relationship is the one observed between gross reallocation and net creation. Some authors suggest a positive sign for it, as larger employment flows would lead to greater reallocation rates, signalling more flexible labour markets and allowing for better and faster adjustment mechanisms against changes in their production processes or in the demand of goods and services. To this respect, obtained results are contradictory. The relationship is positive –with low adjusted R-squared– when considering continuing firms and negative when employment flows are related to firm dynamics and thus the complete set of firms.

²⁷ In total, there would be 61,440 theoretical groups of firms, which are finally reduced to 49,743.

The duality of this result can be explained as follows. In the case of continuing firms, this may be either understood in terms of a dynamic adjustment at firm level, or a static one within firms operating in the same sector of economic activity. In the former case, a firm may be reducing employment of a certain type within a given period, allowing for efficiency improvements and productivity gains, which later translate in the employment generation in subsequent periods. In the static case, less efficient firms may be reducing their employment levels, which are then compensated by employment creation across most efficient firms operating in that given sector. This last explanation would not hold if the process leads to firm exit. Thus productive restructuring processes leading to intensive firm exit generate employment destruction which is not finally compensated by employment creation associated with firm entry.

The nature of this result could also been interpreted in terms of a high degree of country heterogeneity in the analysed sample. For this reason we explore further the relationship between net job creation and gross job reallocation rates for all firms (Table 19). Firstly, we compute indicators separately for both blocks of considered economies. Results show statistically negative coefficients for the relationship between the two variables in both blocks of countries. Then, taking into account country heterogeneity by means of calculating indicators for each of the considered countries, we observe a positive and statistically significant relationship in seven countries: Belgium, Finland, Greece, Sweden, Estonia, Croatia, and Ukraine, no relationship, i.e. parameters being statistically equal to zero, in four countries, Denmark, Italy, Bulgaria, and Poland, and statistically negative in the remaining nineteen. Thus the degree of heterogeneity hinders a straightforward classification. A weighted estimation based on the employment variable, using all data from all countries, results too in a statistically significant negative relationship.

[Table 19 around here]

Consequently, the provided results offer no robust evidence on a direct relationship between reallocation and net creation. By contrast, the relationship turns out to be negative and statistically significant.

6. A PRIMER EXPLANATION OF SISTEMATIC DIFFERENCES IN JOB FLOWS

Calculations reveal notorious differences across the four considered dimensions, country, sector, size class, and year. In order to quantify and explain these systematic differences we regress each of the thirteen job flows indicators in a set of four dummies registering the dimension of each of the observations encountered in the dependent variable. The form of the regression is as expressed by equation (3).

$$Indicator_{nsct} = \alpha + \sum_{n=1}^{N-1} \beta_n^1 d_n + \sum_{s=1}^{S-1} \beta_s^2 d_s + \sum_{c=1}^{C-1} \beta_c^3 d_c + \sum_{t=1}^{T-1} \beta_t^4 d_t \quad (3)$$

Where sub indexes n , s , c and t refer to sectors, size classes, countries and years, respectively, and N , S , C and T , denote the total number of realisations in each of the defined groups, from which one per group must be dropped to avoid multicollinearity (*cf.* Equation (3)). The β coefficients capture the effect of each dummy on the analysed job flows indicator. In order to measure the aggregated effect of each dummy set, we compare resulting adjusted- R^2 with the one derived when the given dummy set of interest is excluded from the regression. Estimated regressions are listed from equations (4a) to (4d).

$$Indicator_{nsct} = \alpha^a + \sum_{s=1}^{S-1} \beta_s^{2a} d_s + \sum_{c=1}^{C-1} \beta_c^{3a} d_c + \sum_{t=1}^{T-1} \beta_t^{4a} d_t \quad (4a)$$

$$Indicator_{nsct} = \alpha^b + \sum_{n=1}^{N-1} \beta_n^{1b} d_n + \sum_{c=1}^{C-1} \beta_c^{3b} d_c + \sum_{t=1}^{T-1} \beta_t^{4b} d_t \quad (4b)$$

$$Indicator_{nsct} = \alpha^c + \sum_{n=1}^{N-1} \beta_n^{1c} d_n + \sum_{s=1}^{S-1} \beta_s^{2c} d_s + \sum_{t=1}^{T-1} \beta_t^{4c} d_t \quad (4c)$$

$$Indicator_{nsct} = \alpha^d + \sum_{n=1}^{N-1} \beta_n^{1d} d_n + \sum_{s=1}^{S-1} \beta_s^{2d} d_s + \sum_{c=1}^{C-1} \beta_c^{3d} d_c \quad (4d)$$

The difference between each pair of determination coefficients shows the marginal explanation power of the omitted dimension. For instance, when dropping the country indicator, the resulting difference specifies a measure for the country aggregated effect, and captures the importance of country heterogeneity in explaining job flows variation. Additionally, the absolute effect is evaluated by estimation of regressions (5a) to (5d).

$$Indicator_{nsct} = \alpha^a + \sum_{n=1}^{N-1} \beta_n^{3a} d_n \quad (5a)$$

$$Indicator_{nsct} = \alpha^b + \sum_{s=1}^{S-1} \beta_s^3 d_s \quad (5b)$$

$$Indicator_{nsct} = \alpha^c + \sum_{c=1}^{C-1} \beta_c^3 d_c \quad (5c)$$

$$Indicator_{nsct} = \alpha^d + \sum_{t=1}^{T-1} \beta_t^3 d_t \quad (5d)$$

Additionally, in order to consider the possible existence of multiplicative effects between the four considered dimensions, we estimate the regression in (6),

$$Indicator_{nsct} = \alpha + \sum_{n=1}^{N-1} \beta_n^1 d_n + \sum_{s=1}^{S-1} \beta_s^2 d_s + \sum_{c=1}^{C-1} \beta_c^3 d_c + \sum_{t=1}^{T-1} \beta_t^4 d_t + \beta^A D_n \cdot D_s + \beta^B D_n \cdot D_c + \beta^C D_n \cdot D_t + \beta^D D_s \cdot D_c + \beta^E D_s \cdot D_t + \beta^F D_c \cdot D_t \quad (6)$$

where marginal effects correspond to the difference between the R-squared generated by regression (6) and the one resulting from the regression omitting the dummy under consideration. Further, in order to evaluate the relative importance of these multiplicative effects, we have dropped from (6) each of the multiplicative terms, one at a time.

[Table 20 around here]

Results differ across considered job flow indicators, as expected, nonetheless several common features show up and can be summarised as follows.

I. The explanatory power of the set of four characteristics amounts to an approximate 23 per cent when considering the multiplicative effects amongst four considered dimensions, oscillating from just 14 per cent in the case of the net job creation rate of total firms, to more than 35 per cent for the gross job reallocation rate of continuing firms. When omitting these interactions, the explanatory power reduces to a half of just mentioned levels.

II. Gross job reallocation rates are the ones explained to a greatest extent by the set of characteristics, more than 30 per cent on average. The lowest explanatory power applies to net creation rates, possibly due to the fact that creation and destruction do not usually go together and are conditioned by different factors.

III. Country indicators show the highest explanatory power, with an average value of 18.2 per cent when considering interactions, which is reduced to around 6 per cent when interactions are dropped. Sector characteristic accounts for just 6.5 per cent of job flows variation, almost identical to the value obtained for the year dimension (6.6 per cent), and higher than the explanatory power obtained for size effects (5.0 per cent).

In terms of the multiplicative effects, only those involving country characteristics have a significant effect over the explanatory power.

These results show that observed differences across job flows are mainly due to country characteristics. Thus the legal and institutional framework seems to be a determinant factor of job flows, as they are the same amongst sectors and across the global economic environment of a given country. This is also supported by the fact that differences in the productive structure and firm size have limited capacity for explaining job flows' variation. The same occurs with the economic cycle, although the considered time horizon may be not long enough and corresponds in general to a period of economic expansion.

7. CONCLUSIONS

This study evaluates job flows for 30 European countries along the 1999-2006 time period using AMADEUS database. We start by revising available literature through a meta-regression analysis which allows identification of the effects that certain aspects such as the nature of the employed database, the adopted methodological decisions, and the manner results are presented, may have over the intensity of available job flows measures. It turns out that the nature of the database has limited effects over results, and only whether the information refers to firms or plants seems to have some minor end results. The existence of a certain threshold level in terms of exclusion of a given type of firms has only relevant effects if affecting to micro and small firms due to the intrinsic nature of job flows across these size classes. With regards to remaining explored characteristics, they just confirm the generally accepted trends in the available literature: the inverse relationship between job flows and firm size, a higher intensity of job flows along the services sector and across economies under restructuration processes...

We then describe the intense depuration process carried out over AMADEUS raw data, which ends up having information on 30 different countries out of 40, with an average

number of firms per year of 3 million from the approximate 14 million originally registered in the database. Resulting coverage differs across countries, sectors, size classes, and to a lesser extent, years.

With regards to obtained results on job flows we highlight the following:

1. There is a high degree of heterogeneity in the intensity of job flows across countries. In particular, Western European countries show lower rotation and higher net job creation than Eastern transition economies.
2. The intensity of job flows is higher across the service sectors than across the manufacturing ones.
3. Sectors with higher technological content and more knowledge intensive produce largest job flows and net employment increases along periods of relatively rapid economic growth, whilst maintaining employment in those periods of relative stagnation or decline.
4. The inverse relationship between the intensity of job flows and firm size is confirmed. This connection intensifies across transition economies when compared with Western European countries. Precisely, smallest firms play a very important role in employment creation.
5. Obtained results do not support the relationship between job reallocation and net job creation. Although it is confirmed for some isolated countries, it does not hold for the complete set of 30 countries, not even for the two considered blocks of countries, Western and transition economies. Consequently, a more flexible institutional framework that would in principle increase the intensity of job flows in terms of higher reallocation rates, does not necessarily imply net employment increases.
6. When explaining observed differences in the intensity of job flows, country effects – traditionally identified with the institutional framework– are the ones contributing to a largest extent. Sector characteristics follow, although their importance in explaining systematic differences is much lower. Finally, size class and year effects have basically no impact.

References

- Acs, Z., Armington, C., 2004. Job creation and persistence in services and manufacturing. Papers on Entrepreneurship, Growth and Public Policy 2004-16, Max Planck Institute of Economics, Entrepreneurship, Growth and Public Policy Group.
- Albaek, K., Sorensen, B., 1998. Worker flows and job flows in Danish manufacturing, 1980-91. *Economic Journal* 108 (451), 1750-71.
- Armington, C., Acs, Z., 2000. Differences in job growth and persistence in services and manufacturing. Working Papers 00-04, Center for Economic Studies, U.S. Census Bureau.
- Baldwin, J., Beckstead, D., Girard, A., 2002. The importance of entry to Canadian manufacturing, with an appendix on measurement issues. OECD Science, Technology and Industry Working Papers 2002/3, OECD, Directorate for Science, Technology and Industry.
- Baldwin, J., Dunne, T., Haltiwanger, J., 1998. A comparison of job creation and job destruction in Canada and the United States. *The Review of Economics and Statistics* 80 (3), 347-356.
- Baldwin, J., Gorecki, P., 1990. *Structural change and the adjustment process: Perspectives on firm growth and worker turnover*. Ottawa.
- Bentolila, S., Bertola, G., 1990. Firing costs and labour demand: How bad is Eurosclerosis? *Review of Economic Studies* 57 (3), 381-402.
- Bertola, G., 1992. Labor turnover costs and average labor demand. *Journal of Labor Economics* 10 (4), 389-411.
- Blanchflower, D., Burgess, S., 1996. Job creation and job destruction in Great Britain in the 1980s. *Industrial and Labor Relations Review* 50 (1), 17-38.
- Boeri, T., 1999. Enforcement of employment security regulations, on-the-job search and unemployment duration. *European Economic Review* 43 (1), 65-89.
- Boeri, T., Cramer, U., 1992. Employment growth, incumbents and entrants : Evidence from Germany. *International Journal of Industrial Organization* 10 (4), 545-565.
- Broersma, L., Gautier, P., 1997. Job creation and job destruction by small firms: An empirical investigation for the Dutch manufacturing sector. *Small Business Economics* 9 (3), 224-241.
- Burgess, S., Lane, J., Stevens, D., 2000. Job flows, worker flows, and churning. *Journal of Labor Economics* 18 (3), 473-502.

- Caballero, R., Hammour, M., 2000. Creative destruction and development: Institutions, crises, and restructuring. NBER Working Papers 7849, National Bureau of Economic Research, Inc.
- Camacho-Cabiscol, J., Baró-Llinàs, J., Alemany-Leira, R., 2000. Job flows in Catalonia. ERSA conference paper No. ERSA00p456, European Regional Science Association.
- Ce.s, E., Gabriele, R., 2005. Does spatial disaggregation matter in job creation and destruction flows? Working Papers 05-21, Utrecht School of Economics.
- Davis, S., Haltiwanger, J., 1992. Gross job creation, gross job destruction, and employment reallocation. *The Quarterly Journal of Economics* 107 (3), 819-863.
- Davis, S., Haltiwanger, J., Winter 1998. Measuring gross worker and job flows. In: *Labor Statistics Measurement Issues. NBER Chapters*. National Bureau of Economic Research, Inc, pp. 77-122.
- Davis, S., Haltiwanger, J., December 1999. Gross job flows. In: Ashenfelter, O., Card, D. (Eds.), *Handbook of Labor Economics*. Vol. 3. Elsevier, Ch. 41, pp. 2711-2805.
- Davis, S., Haltiwanger, J., Schuh, S., 1996. Small business and job creation: Dissecting the myth and reassessing the facts. *Small Business Economics* 8 (4), 297-315.
- de Loecker, J., Konings, J., 2006. Job reallocation and productivity growth in a post-socialist economy: Evidence from Slovenian manufacturing. *European Journal of Political Economy* 22 (2), 388-408.
- Dolado, J., Gómez, R., 1995. Creación y destrucción de empleo en el sector privado manufacturero español: un análisis descriptivo. *Investigaciones Económicas* 19 (3), 371-393.
- Díaz-Moreno, C., Galdón-Sánchez, J., 2000. Job creation, job destruction and the dynamics of Spanish firms. *Investigaciones Económicas* 24 (3), 545-561.
- Faggio, G., Konings, J., 2003. Job creation, job destruction and employment growth in transition countries in the 90s. *Economic Systems* 27 (2), 129-154.
- Foote, C., 1998. Trend employment growth and the bunching of job creation and destruction. *The Quarterly Journal of Economics* 113 (3), 809-834.
- Garibaldi, P., 2000. Job flows and plant size dynamics: Traditional measures and alternative econometric techniques. *LABOUR* 14 (2), 185-212.
- Genda, Y., 1998. Job creation and destruction in Japan, 1991-1995. *Journal of the Japanese and International Economies* 12 (1), 1-23.
- Gourinchas, P., 1999. Exchange rates do matter: French job reallocation and exchange rate turbulence, 1984-1992. *European Economic Review* 43 (7), 1279-1316.

- Grey, A., 1995. Job gains and job losses: Recent literature and trends. OECD Jobs Study Working Papers 1, OECD, Directorate for Employment, Labour and Social Affairs.
- Gómez-Salvador, R., Messina, J., Vallanti, G., 2004. Gross job flows and institutions in Europe. *Labour Economics* 11 (4), 469-485.
- Haltiwanger, J., Scarpetta, S., Schweiger, H., 2008. Assessing job flows across countries: The role of industry, firm size and regulations. NBER Working Papers 13920, National Bureau of Economic Research.
- Haltiwanger, J., Vodopivec, M., 2002. Gross worker and job flows in a transition economy: an analysis of Estonia. *Labour Economics* 9 (5), 601-630.
- Hopenhayn, H., Rogerson, R., 1993. Job turnover and policy evaluation: A general equilibrium analysis. *Journal of Political Economy* 101 (5), 915-938.
- Koeniger, W., Prat, J., 2007. Employment protection, product market regulation and firm selection. *Economic Journal* 117 (521), 302-332.
- Konings, J., Kupets, O., Lehmann, H., 2003. Gross job flows in Ukraine: Size, ownership and trade effects. CEPR Discussion Papers 3802, C.E.P.R.
- Konings, J., Lehmann, H., Schaffer, M., 1996. Job creation and job destruction in a transition economy: Ownership, firm size, and gross job flows in Polish manufacturing 1988-1991. *Labour Economics* 3 (3), 299-317.
- Kugler, A., 2007. The effects of employment protection in Europe and the U.S. *Els Opuscles del CREI* (18), 1-48.
- Masso, J., Eamets, R., Philips, K., 2004. Where have all the jobs gone? Gross job flows in Estonia. University of Tartu - Faculty of Economics and Business Administration Working Paper Series 28, Faculty of Economics and Business Administration, University of Tartu (Estonia).
- Mata, J., 1993. Entry and type of entrant : Evidence from Portugal. *International Journal of Industrial Organization* 11 (1), 101-122.
- Mortensen, D., Pissarides, C., 1999. Job reallocation, employment fluctuations and unemployment. In: Taylor, J. B., Woodford, M. (Eds.), *Handbook of Macroeconomics*. Vol. 1. Elsevier, Ch. 18, pp. 1171-1228.
- OCDE, 1987. Employment outlook, September 1987. Paris.
- Pontual-Ribeiro, E., Corseuil, C., Santos, D., Furtado, P., Amorim, B., Servo, L., Souza, A., 2004. Trade liberalization, the exchange rate and job flows in Brazil. *Journal of Policy Reform* 7 (4), 209-223.

- Ruano, S., 2000. Creación y destrucción bruta de empleo en las empresas industriales españolas. *Investigaciones Económicas* 24 (3), 563-584.
- Schreyer, P., 1996. Smes and employment creation: Overview of selected quantitative studies in OECD member countries. OECD Science, Technology and Industry Working Papers 1996/4, OECD, Directorate for Science, Technology and Industry.
- Sebastian-Vergara, M., 2005. The dynamic of employment in Chilean industry. *CEPAL Review* (86), 141-159.
- Smeets, V., Warzynski, F., 2006. Job creation, job destruction and voting behavior in Poland. *European Journal of Political Economy* 22 (2), 503-519.
- Stanley, T., Jarrell, S., 1989. Meta-regression analysis: A quantitative method of literature surveys. *Journal of Economic Surveys* 3 (2), 161-170.
- Stiglbauer, A., Stahl, F., Winter-Ebmer, R., Zweimüller, J., 2003. Job creation and job destruction in a regulated labor market: The case of Austria. *Empirica* 30 (2), 127-148.
- Sutton, J., 1997. Gibrat's legacy. *Journal of Economic Literature* 35 (1), 40-59.
- Sánchez, G., Butler, I., 2004. Market institutions, labor market dynamics, growth and productivity: Argentina. *Econometric Society 2004 Latin American Meetings* 38, Econometric Society.
- Warzynski, F., 2003. The causes and consequences of sector-level job flows in Poland. *The Economics of Transition* 11 (2), 357-381.

TABLE 1: DEFINITION OF JOB FLOWS INDICATORS

| ELEMENTARY INDICATORS | | |
|----------------------------------------------------------------|----------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------|
| | ENTERPRISE LEVEL | GROUP LEVEL |
| Gross Job Creation Rate by Continuing Enterprises (GJCRce) | $GJCRce_{it} = \frac{(L_{it} - L_{it-1})}{\frac{1}{2}(L_{it-1} + L_{it})}$ | $GJCRce_{it} = \frac{\sum_{i \in C}^{g_{it} > 0} (L_{it} - L_{it-1})}{\frac{1}{2} \sum_i (L_{it-1} + L_{it})}$ |
| Gross Job Destruction Rate by Continuing Enterprises (GJDRce) | | $GJDRce_{it} = \frac{\sum_{i \in C}^{g_{it} < 0} (L_{it-1} - L_{it})}{\frac{1}{2} \sum_i (L_{it-1} + L_{it})}$ |
| Gross Job Creation Rate by Entering Enterprises (GJCRee) | | $GJCRee_{it} = \frac{\sum_{i \in E} (L_{it})}{\frac{1}{2} \sum_i (L_{it-1} + L_{it})}$ |
| Gross Job Destruction Rate by Exiting Enterprises (GJDRxe) | | $GJDRxe_{it} = \frac{\sum_{i \in X} (L_{it-1})}{\frac{1}{2} \sum_i (L_{it-1} + L_{it})}$ |
| | | g refers to increase in employees level C group of continuing firms E groups of entering firms X groups of exiting firms |
| DERIVED INDICATORS | | |
| Total Gross Job Creation Rate (GJCRte) | GJCRte = GJCRce + GJCRee | |
| Total Gross Job Destruction Rate (GJDRte) | GJDRte = GJDRce + GJDRxe | |
| Gross Job Reallocation Rate by Continuing Enterprises (GJRRce) | GJRRce = GJCRce + GJDRce | |
| Gross Job Reallocation Rate by Enterprise Dynamics (GJRRed) | GJRRed = GJCRee + GJDRxe | |
| Total Gross Job Reallocation Rate (GJRRte) | GJRRte = GJCRte + GJDRte = GJRRce + GJRRed | |
| Net Job Creation Rate by Continuing Enterprises (NJCRce) | NJCRce = GJCRce – GJDRce | |
| Net Job Creation Rate by Enterprise Dynamics (NJCRed) | NJCRed = GJCRee – GJDRxe | |
| Total Net Job Creation Rate (NJCRte) | NJCRte = GJCRte – GJDRte = NJCRce + NJCRed | |
| Excess Job Reallocation Rate (EJRR) | EJRR = GJRRte – NJCRte | |

TABLE 2: RELATION OF PAPERS COVERS BY THE METANALYSIS STUDY

| Authors and year | Country coverage | Time coverage | Source | Unit | Industry coverage |
|--------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------|-------------------------|------------------------------|
| Albaek and Sorensen (1998) | Denmark | 1980-1991 | Integrated Database for Labour Market Research | Establishments | Manufacturing |
| Armington and Acs (2000) | United States | 1989-1995 | Longitudinal Establishment and Enterprise Microdata | Establishments | All sectors |
| Armington and Acs (2004) | United States | 1989-1995 | Longitudinal Establishment and Enterprise Microdata | Establishments | All sectors |
| Baldwin, Dunne and Haltiwanger (1998) | Canada United States | 1973-1992 1972-1993 | Annual Census of the Canadian Manufacturing Annual Survey of Manufactures | Establishments | Manufacturing |
| Blanchflower and Burgess (1996) | United Kingdom | 1980-1990 | Workplace Industrial Relations Survey | Establishments | All sectors |
| Broersma and Gautier (1997) | Netherlands | 1978-1993 | The Netherlands Central Bureau of Statistics | Firms | Manufacturing |
| Broersma and Gautier (1997) | Netherlands | 1978-1991 | Central Bureau of Statistics | Firms | Manufacturing |
| Camacho, Alemany and Baró (2000) | Catalonia (Spain) | 1996-1996 | Encuesta Industrial de Empresas | Establishments | Manufacturing |
| Cefis and Gabriele (2005) | Italy | 1991-2001 | DM10TN (Italian Social Security Institution) | Firms | All sectors |
| Davis and Haltiwanger (1992) | United States | 1973-1986 | Longitudinal Research Database | Establishments | Manufacturing |
| Davis, Haltiwanger and Schuh (1996) | United States | 1972-1988 | Longitudinal Research Database | Establishments | Manufacturing |
| De Loecker and Konings (2006) | Slovenia | 1994-2000 | Slovenian Central Statistical Office | Firms | Manufacturing |
| Diaz and Galdón (2000) | Spain | 1993-1994 | Fichero de Cuentas de la Seguridad Social | Establishments | All sectors |
| Dolado and Gómez (1995) | Spain | 1983-1992 | Central de Balances (Banco de España) | Firms | Manufacturing |
| Faggio and Konings (2003) | Poland Estonia Slovenia Bulgaria Romania Belgium Netherlands Germany United Kingdom | 1993-1997 1993-1997 1993-1997 1993-1997 1994-1997 1989-1995 1988-1995 1988-1995 1987-1995 | AMADEUS 250,000 | Firms | All sectors |
| Foote (1998) | United States Michigan (United States) Michigan (United States) | 1972-1988 1972-1988 1978-1988 | Longitudinal Research Database Michigan Employment Security Commission | Establishments Firms | Manufacturing All sectors |
| Garibaldi (2000) | Mexico | 1984-1990 | Annual Industrial Survey | Establishments | Manufacturing |
| Genda (1998) | Japan | 1991-1995 1991-1995 | Employment Trend Survey | Establishments | All sectors |
| Gómez-Salvador, Messina and Vallanti (2004) | Austria Belgium Denmark Finland France Germany Ireland Italy Netherlands Portugal Spain Sweden United Kingdom Eurozone Nordic countries European countries | 1996-2000 1993-2000 1997-2001 1998-2000 1994-2000 1995-2000 1995-2000 1993-2000 1995-2000 1996-2000 1995-2000 1999-2001 1993-2000 1993-2000 1997-2001 1993-2001 | AMADEUS 1,5 millions | Firms | All sectors |
| Gourinchas (1999) | France | 1984-1992 | Base d'Analyse Longitudinale (INSEE) | Firms | Manufacturing |
| Haltiwanger and Vodopivec (2002) | Estonia | 1989-1995 | Estonian Labour Force Survey | Firms | All sectors |
| Konings, Lehmann and Schaffer (1996) | Poland | 1988-1991 | Polish Central Statistical Office | Firms | Manufacturing |
| Konings, Kupets and Lehmann (2003) | Ukraine Ukraine | 1996-2000 1998-2000 | Derzhkomstat (Government Statistical Committee) AMADEUS 1,5 | Establishments Firms | Manufacturing All sectors |
| Masso, Eamets and Philips (2004) | Estonia | 1995-2001 | Estonian Business Registry | Firms | All sectors |
| Ribeiro, Corseuil, Santos, Furtado, Amorin, Servo and Souza (2004) | Brazil | 1991-2000 | Relação Anual de Informações Sociais | Establishments | All sectors |
| Ruano (2000) | Spain | 1990-1997 | Encuesta sobre Estrategias Empresariales | Firms | Manufacturing |
| Sánchez and Butler (2004) | Argentina | 1990-2001 | Monthly Industrial Survey (INDEC) | Firms | Manufacturing |
| Smeets and Warzynski (2006) | Poland | 1996-2000 | AMADEUS 1,5 | Firms | All sectors |
| Stigl'bauer, Stahl, Winter-Ebmer and Zweimuller (2003) | Austria | 1978-1998 | Austrian Social Security Record | Establishments | All sectors |
| Vergara (2005) | Chile | 1979-2000 | Encuesta Nacional Industrial Anual (INE) | Establishments | Manufacturing |
| Warzynski (2003) | Poland | 1995-1999 | AMADEUS 1,5 | Firms | All sectors |

TABLE 3: FREQUENCY OF DIFFERENT CHARACTERISTICS CONSIDERED IN THE METANALYSIS STUDY

| Characteristics | All results (number) | Results for continuing firms (number) | Results for all enterprises (number) | Overlapping of different options |
|--------------------------------------|----------------------|---------------------------------------|--------------------------------------|----------------------------------|
| CHARACTERISTICS OF DATABASE | | | | |
| <i>Commercial Database</i> | 305 | 305 | - | |
| <i>Census</i> | 170 | 42 | 149 | |
| <i>Enterprise Survey</i> | 301 | 181 | 188 | DON'T OVERLAP |
| <i>Labour Fource Survey Registry</i> | 186 | - | 186 | |
| | 110 | 45 | 83 | |
| <i>Firms</i> | 750 | 481 | 335 | DON'T OVERLAP |
| <i>Establishments</i> | 322 | 92 | 271 | |
| <i>With threshold</i> | 5 | - | 5 | DON'T OVERLAP |
| <i>Without threshold</i> | 1067 | 573 | 601 | |
| AGREGATION LEVEL OF RESULTS | | | | |
| <i>Regional</i> | 237 | 178 | 60 | DON'T OVERLAP |
| <i>National</i> | 835 | 395 | 546 | |
| <i>Agriculture</i> | 490 | 272 | 230 | |
| <i>Services</i> | 582 | 310 | 288 | |
| <i>Energy</i> | 481 | 270 | 223 | OVERLAP |
| <i>Construction</i> | 500 | 274 | 240 | |
| <i>Manufactures</i> | 960 | 519 | 534 | |
| <i>Micro-firms</i> | 867 | 480 | 466 | |
| <i>Small-firms</i> | 913 | 497 | 502 | OVERLAP |
| <i>Medium-firms</i> | 924 | 519 | 491 | |
| <i>Big-firms</i> | 892 | 493 | 484 | |
| <i>Permanent employees</i> | 990 | 532 | 565 | OVERLAP |
| <i>Temporary employees</i> | 970 | 532 | 545 | |
| <i>Full-time employees</i> | 950 | 507 | 550 | OVERLAP |
| <i>Part-time employees</i> | 939 | 507 | 539 | |
| <i>Private firms</i> | 994 | 537 | 545 | |
| <i>Public firms</i> | 996 | 539 | 545 | OVERLAP |
| <i>Other firms</i> | 1002 | 527 | 556 | |
| COVERAGE | | | | |
| <i>Europe</i> | 227 | 160 | 97 | |
| <i>Other advanced contries</i> | 157 | - | 157 | |
| <i>Latin-america</i> | 68 | 40 | 52 | DON'T OVERLAP |
| <i>Transition economics</i> | 559 | 373 | 239 | |
| <i>Japan</i> | 61 | - | 61 | |
| <i>1970-1974</i> | 105 | 6 | 100 | |
| <i>1975-1979</i> | 154 | 19 | 149 | |
| <i>1980-1984</i> | 172 | 28 | 164 | |
| <i>1985-1989</i> | 230 | 57 | 192 | OVERLAP |
| <i>1990-1994</i> | 570 | 273 | 351 | |
| <i>1995-1999</i> | 451 | 401 | 83 | |
| <i>2000-2004</i> | 94 | 49 | 46 | |
| Total | 1072 | 573 | 606 | |

TABLE 4: META-REGRESSION ANALYSIS

| | Gross Job Creation Continuing Firms | Gross Job Destruction Continuing Firms | Gross Job Reallocation Continuing Firms | Net Job Creation Continuing Firms | Gross Job Creation Total Firms | Gross Job Destruction Total Firms | Gross Job Reallocation Total Firms | Net Job Creation Total Firms | Excess Job Reallocation Total Firms |
|--------------------------------|-------------------------------------|----------------------------------------|-----------------------------------------|-----------------------------------|--------------------------------|-----------------------------------|------------------------------------|------------------------------|-------------------------------------|
| Commercial Database | -4.87*** (0.782) | -1.43* (0.733) | -6.30*** (1.077) | -3.43*** (1.066) | | | | | |
| Census | -2.20** (0.869) | 9.11*** (0.814) | 6.91*** (1.197) | -11.32*** (1.184) | -0.54 (1.573) | 2.73*** (0.762) | 2.19 (1.827) | -3.27* (1.665) | 1.88* (1.072) |
| Labour Force Survey | | | | | -1.66 (2.754) | -3.99*** (1.334) | -5.65* (3.198) | 2.33 (2.915) | -8.18*** (1.877) |
| Registry | 0.18 (0.998) | 6.62*** (0.935) | 6.80*** (1.375) | -6.43*** (1.360) | 0.04 (2.515) | 1.82 (1.218) | 1.86 (2.921) | -1.79 (2.662) | 3.88** (1.714) |
| Establishments | -1.68** (0.736) | -7.35*** (0.689) | -9.03*** (1.013) | 5.67*** (1.003) | 1.95 (2.266) | -0.17 (1.098) | 1.78 (2.632) | 2.12 (2.398) | 2.89* (1.544) |
| With threshold | | | | | 2.66 (5.117) | -2.44 (2.479) | 0.22 (5.943) | 5.09 (5.416) | 0.35 (3.487) |
| Regional | -1.75*** (0.468) | 0.66 (0.439) | -1.08* (0.645) | -2.41*** (0.638) | -6.51*** (2.065) | -1.62 (1.000) | -8.13*** (2.398) | -4.89** (2.185) | -2.64* (1.407) |
| Agriculture | 0.54 (1.237) | 1.69 (1.158) | 2.23 (1.703) | -1.15 (1.685) | -4.73 (4.481) | 3.31 (2.171) | -1.43 (5.205) | -8.04* (4.743) | -3.68 (3.054) |
| Services | 3.95*** (0.864) | -0.11 (0.809) | 3.85*** (1.190) | 4.06*** (1.178) | 3.80 (2.429) | -0.36 (1.177) | 3.43 (2.821) | 4.16 (2.571) | 4.68*** (1.655) |
| Energy | -4.34*** (1.336) | -4.52*** (1.252) | -8.86*** (1.840) | 0.18 (1.821) | 8.48 (5.253) | -7.07*** (2.545) | 1.41 (6.101) | 15.55*** (5.560) | 0.42 (3.580) |
| Construction | 1.45 (1.204) | 0.94 (1.128) | 2.40 (1.659) | 0.51 (1.641) | 1.17 (3.047) | 5.11*** (1.476) | 6.28* (3.539) | -3.94 (3.225) | 3.64* (2.076) |
| Micro-firms | 1.98** (0.965) | 2.22** (0.904) | 4.20*** (1.329) | -0.23 (1.315) | 6.60*** (1.980) | 3.61*** (0.959) | 10.21*** (2.300) | 3.00 (2.096) | 6.70*** (1.349) |
| Small-firms | -0.40 (0.990) | -1.76* (0.928) | -2.16 (1.364) | 1.35 (1.350) | 3.66* (1.913) | -1.79* (0.927) | 1.87 (2.222) | 5.45*** (2.025) | 3.11** (1.304) |
| Big-firms | -1.24** (0.530) | -4.28*** (0.496) | -5.52*** (0.729) | 3.03*** (0.722) | -3.94*** (1.465) | -2.76*** (0.710) | -6.70*** (1.702) | -1.18 (1.551) | -5.47*** (0.998) |
| Temporary employees | 15.88*** (0.945) | 13.75*** (0.885) | 29.63*** (1.301) | 2.13* (1.288) | 10.22*** (3.406) | 6.11*** (1.650) | 16.33*** (3.956) | 4.11 (3.605) | 11.22*** (2.321) |
| Part-time employees | -12.04*** (0.969) | -10.95*** (0.908) | -22.99*** (1.335) | -1.09 (1.321) | -3.60 (2.847) | -2.26 (1.380) | -5.86* (3.307) | -1.34 (3.014) | -5.27*** (1.940) |
| Private firms | 4.09*** (0.779) | 0.32 (0.729) | 4.41*** (1.072) | 3.77*** (1.061) | 17.98*** (1.814) | -1.15 (0.879) | 16.83*** (2.108) | 19.13*** (1.920) | 9.06*** (1.236) |
| Public firms | -3.91*** (0.769) | -0.50 (0.720) | -4.41*** (1.059) | -3.41*** (1.048) | -25.92*** (1.814) | -1.13 (0.879) | -27.05*** (2.108) | -24.79*** (1.920) | -5.33*** (1.236) |
| Other advanced contries | | | | | -2.22 (2.240) | -1.75 (1.085) | -3.97 (2.602) | -0.47 (2.371) | -3.19** (1.527) |
| Latin-america | 2.27** (1.022) | 7.83*** (0.958) | 10.10*** (1.408) | -5.56*** (1.393) | -1.38 (2.231) | 0.48 (1.081) | -0.91 (2.591) | -1.86 (2.361) | 1.04 (1.520) |
| Japan | | | | | -7.03 (4.663) | -4.90** (2.259) | -11.93** (5.416) | -2.12 (4.935) | -8.17** (3.177) |
| 1970-1974 | 0.80 (2.059) | 7.92*** (1.929) | 8.72*** (2.836) | -7.12** (2.806) | 2.32 (2.381) | 2.81** (1.154) | 5.13* (2.765) | -0.49 (2.520) | 3.82** (1.622) |
| 1975-1979 | -1.52 (1.972) | -0.92 (1.847) | -2.44 (2.716) | -0.60 (2.687) | 2.54 (2.303) | -1.09 (1.116) | 1.45 (2.675) | 3.63 (2.438) | 1.94 (1.569) |
| 1980-1984 | -1.14 (1.359) | -0.25 (1.273) | -1.39 (1.872) | -0.88 (1.852) | 1.20 (2.023) | 1.74* (0.980) | 2.94 (2.350) | -0.54 (2.141) | 1.44 (1.379) |
| 1985-1989 | 0.95 (0.771) | -6.38*** (0.723) | -5.43*** (1.063) | 7.33*** (1.051) | -4.32*** (1.502) | -5.68*** (0.728) | -10.00*** (1.745) | 1.37 (1.590) | -5.56*** (1.024) |
| 1995-1999 | 1.62*** (0.548) | 0.16 (0.513) | 1.78** (0.754) | 1.46* (0.746) | -1.64 (2.218) | 0.63 (1.074) | -1.01 (2.576) | -2.26 (2.347) | 0.51 (1.511) |
| 2000-2004 | 1.80** (0.774) | -3.49*** (0.725) | -1.70 (1.067) | 5.29*** (1.055) | 5.13 (3.298) | -7.04*** (1.598) | -1.91 (3.831) | 12.17*** (3.491) | -7.05*** (2.248) |
| Const. | 2.73** (1.315) | 10.31*** (1.232) | 13.04*** (1.812) | -7.58*** (1.792) | 5.30 (4.738) | 12.19*** (2.296) | 17.49*** (5.504) | -6.89 (5.015) | 2.82 (3.229) |
| Nº obs. | 573 | 573 | 573 | 573 | 606 | 606 | 606 | 606 | 606 |
| R2 | 0.5411 | 0.6216 | 0.6773 | 0.4041 | 0.4134 | 0.3451 | 0.4276 | 0.3667 | 0.464 |

TABLE 5:

| Country | Period covered | Original source | Data provider |
|--------------------|----------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------|
| Austria | 1998-2006 | Amtsblatt - Bundesanzeiger or Register Court | Creditreform |
| Belgium | 1998-2006 | National Bank of Belgium | National Bank of Belgium, EURO DB |
| Denmark | 1998-2006 | The Commercial Register (Companies House) | KOB A/S |
| Finland | 1998-2006 | Trade Register | Suomen Asiakastieto Oy |
| Greece | 1998-2006 | National Printing Institution | ICAP |
| France | 1998-2006 | Courts (Tribunal de Commerce, Tribunal de Grande Instance) | COFACE SCRL |
| Germany | 1998-2006 | Bundesanzeiger and Register Court | Creditreform and Creditreform Rating AG |
| Italy | 1998-2006 | Chamber of Commerce | Honyvem |
| Spain | 1998-2006 | Registered Commerce of the Province | INFORMA |
| Sweden | 1998-2006 | Bolagsverket (Swedish Companies Registration Office) | UC AB |
| Portugal | 1998-2006 | Commercial Registry Office | Coface MOPE |
| United Kingdom | 1998-2006 | Companies Registry a Government Office | Jordans Limited |
| Ireland | 1998-2006 | Irish Companies Registry | Jordans Limited |
| Netherlands | 1998-2006 | Chamber of Commerce | LexisNexis |
| Bulgaria | 1998-2006 | Mainly in the local press, national dailies, accountancy reviews, internet etc. | Creditreform |
| Czech Republic | 1998-2006 | Tax office and Business Register | Albertina Data |
| Estonia | 1998-2006 | Trade Register = Commercial Register | Krediidiinfo |
| Hungary | 1998-2006 | Ministry of justice and Registry Courts | Creditreform-Interinfo |
| Latvia | 1998-2006 | In regional offices of the Register of Enterprises | Creditreform Latvia |
| Lithuania | 1998-2006 | State Tax Inspection - Statistics - Company's Office | Creditreform Lietuva UAB |
| Poland | 2001-2005 | National Court Registry (KRS) and "Monitor Polski B" | InfoCredit |
| Slovak Republic | 2000-2006 | Tax office and Business Register | Creditinfo Slovakia, s.r.o. |
| Slovenia | 2002-2005 | AJPES - Agency of the Republic of Slovenia for public legal Records and related services | Coface Intercredit |
| Romania | 2002-2005 | Trade registry office. | Chamber of Commerce and Industry of Romania |
| Russian Federation | 1999-2005 | State Statistics Committee or its local subdivisions, Central Bank of Russian Federation and Federal Commission for Securities and its local subdivisions | Creditreform Russia |
| Croatia | 1998-2006 | State Register of accounts and Securities Commission and to Stock Exchange | Creditreform Croatia |
| Ukraine | 1999-2005 | National statistic department and Ministries | Creditreform |
| Iceland | 1999-2006 | Director of Internal Revenue | Icelandic Info |
| Norway | 1999-2006 | CreditInforms own Registry | CreditInform AS |
| Switzerland | 1998-2006 | N/A | Worldbox AG |

Fuente: AMADEUS. Internet User Guide.

TABLE 6. COVERAGE OF AMADEUS DATABASE IN RELATION TO EUROSTAT SBS

| | Coverage in firms | | | Coverage in employment | | |
|----------------------------|--------------------------------|----------------|-------------|---------------------------|------------------|-------------|
| | Annual average number of firms | | % | Annual average employment | | % |
| | SBS | AMADEUS | | SBS | AMADEUS | |
| By country | | | | | | |
| Austria | 241497 | 57356 | 23.8 | 2292354 | 1622644 | 70.8 |
| Belgium | 381005 | 104444 | 27.4 | 2411389 | 2111362 | 87.6 |
| Bulgaria | 231203 | 60528 | 26.2 | 1711873 | 1257962 | 73.5 |
| Czech Republic | 825440 | 25730 | 3.1 | 3548228 | 1799982 | 50.7 |
| Germany | 1677404 | 603685 | 36.0 | 20743496 | 25135908 | 121.2 |
| Denmark | 195856 | 49222 | 25.1 | 1700050 | 1995601 | 117.4 |
| Estonia | 33072 | 23224 | 70.2 | 374480 | 341968 | 91.3 |
| Spain | 2346685 | 393755 | 16.8 | 12156772 | 8222992 | 67.6 |
| Finland | 185696 | 46695 | 25.1 | 1216709 | 1524973 | 125.3 |
| France | 2117432 | 515255 | 24.3 | 14083388 | 16290390 | 115.7 |
| Greece | 666000 | 19163 | 2.9 | 2101549 | 694159 | 33.0 |
| Hungary | 428309 | 7387 | 1.7 | 2298534 | 671085 | 29.2 |
| Ireland | 86361 | 15643 | 18.1 | 956748 | 621981 | 65.0 |
| Italy | 3711317 | 170805 | 4.6 | 14326084 | 7108869 | 49.6 |
| Lithuania | 70349 | 5280 | 7.5 | 772213 | 377921 | 48.9 |
| Latvia | 49946 | 4061 | 8.1 | 553967 | 280867 | 50.7 |
| Netherlands | 482487 | 116598 | 24.2 | 4716279 | 6003231 | 127.3 |
| Norway | 225286 | 79027 | 35.1 | 1298840 | 1078182 | 83.0 |
| Poland | 1455056 | 22626 | 1.6 | 7466627 | 3157912 | 42.3 |
| Portugal | 617560 | 9448 | 1.5 | 2958881 | 974182 | 32.9 |
| Romania | 374336 | 278849 | 74.5 | 3987187 | 3591580 | 90.1 |
| Sweden | 481249 | 158368 | 32.9 | 2592742 | 3606960 | 139.1 |
| Slovenia | 88204 | 10549 | 12.0 | 570056 | 337641 | 59.2 |
| Slovakia | 38939 | 3785 | 9.7 | 920682 | 499980 | 54.3 |
| United Kingdom | 1524102 | 83787 | 5.5 | 17862588 | 20513952 | 114.8 |
| By sector | | | | | | |
| Mining and Quarrying | 21288 | 10430 | 49.0 | 691481 | 2049259 | 296.4 |
| Manufacturing | 2275108 | 541750 | 23.8 | 35361183 | 37143570 | 105.0 |
| Electricity, Gas | 30586 | 9926 | 32.5 | 1577121 | 3018276 | 191.4 |
| Construction | 2644595 | 380323 | 14.4 | 13071613 | 7317786 | 56.0 |
| Wholesale and retail trade | 6016082 | 931142 | 15.5 | 30013054 | 18969178 | 63.2 |
| Hotels and restaurants | 1599354 | 139473 | 8.7 | 8544624 | 3313006 | 38.8 |
| Transport | 1145717 | 158671 | 13.8 | 11662448 | 10774141 | 92.4 |
| Business activities | 4802062 | 693553 | 14.4 | 22700192 | 27237069 | 120.0 |
| By size-class | | | | | | |
| Micro-firms | 16827131 | 1926355 | 11.4 | 35765743 | 5880351 | 16.4 |
| Small firms | 1388896 | 695023 | 50.0 | 25805047 | 12221740 | 47.4 |
| Medium firms | 239372 | 188736 | 78.8 | 20604478 | 16831184 | 81.7 |
| Big firms | 79392 | 55155 | 69.5 | 41446447 | 74889009 | 180.7 |
| By year | | | | | | |
| 1999 | 15422039 | 1728642 | 11.2 | 109048970 | 76593464 | 70.2 |
| 2000 | 16015421 | 2156054 | 13.5 | 112587218 | 101940150 | 90.5 |
| 2001 | 16831360 | 2565362 | 15.2 | 116897154 | 116154985 | 99.4 |
| 2002 | 19310040 | 2848465 | 14.8 | 126084121 | 121939559 | 96.7 |
| 2003 | 19958721 | 3311166 | 16.6 | 131254798 | 125274468 | 95.4 |
| 2004 | 20344125 | 3649271 | 17.9 | 133021934 | 124214649 | 93.4 |
| 2005 | 20981845 | 3700725 | 17.6 | 135086736 | 120010096 | 88.8 |
| 2006 | 19414777 | 2962465 | 15.3 | 124992788 | 92450902 | 74.0 |
| TOTAL | 18534791 | 2865269 | 15.5 | 123621715 | 109822284 | 88.8 |

TABLE 7: FIRMS IN RELATION TO EMPLOYMENT CREATION. DISTRIBUTION BY COUNTRY 1999-2006*

| Country | Continuing firms | | | Total | Firm dynamics | | |
|---------------------------------------------|---------------------|---------------------|--------------------|--------------------|-------------------|-------------------|--------------------|
| | Increase employment | Decrease employment | Stable employment | | Entering firms | Exiting firms | Total |
| <u>Western European Countries</u> | <u>21.4</u> | <u>16.5</u> | <u>57.5</u> | <u>95.4</u> | <u>4.6</u> | <u>4.6</u> | <u>9.2</u> |
| | § | | | | | | |
| Austria | 14.9 | 11.0 | 69.5 | 95.4 | 4.6 | 7.1 | 11.8 |
| Belgium | 26.4 | 18.1 | 52.3 | 96.8 | 3.2 | 1.8 | 5.0 |
| Denmark | 26.1 | 20.9 | 45.9 | 92.9 | 7.1 | 2.0 | 9.1 |
| Finland | 23.4 | 16.5 | 56.3 | 96.2 | 3.8 | 4.1 | 7.9 |
| Greece | 2.7 | 2.0 | 91.0 | 95.6 | 4.4 | 4.3 | 8.7 |
| France | 23.9 | 19.0 | 51.0 | 93.9 | 6.1 | 4.0 | 10.1 |
| Germany | 12.8 | 10.9 | 72.4 | 96.1 | 3.9 | 5.9 | 9.8 |
| Italy | 38.0 | 27.1 | 30.6 | 95.7 | 4.3 | 3.4 | 7.7 |
| Spain | 31.0 | 20.6 | 41.6 | 93.2 | 6.8 | 6.6 | 13.4 |
| Sweden | 19.5 | 14.4 | 61.1 | 95.0 | 5.0 | 2.2 | 7.2 |
| Portugal | 31.6 | 32.7 | 35.3 | 99.6 | 0.4 | 0.6 | 0.9 |
| United Kingdom | 36.5 | 29.2 | 29.0 | 94.7 | 5.3 | 8.1 | 13.5 |
| Ireland | 4.3 | 2.4 | 86.1 | 92.8 | 7.2 | 3.6 | 10.8 |
| Netherlands | 15.9 | 15.0 | 65.5 | 96.4 | 3.6 | 7.5 | 11.1 |
| Iceland | 27.7 | 18.9 | 47.5 | 94.2 | 5.8 | 3.7 | 9.5 |
| Norway | 21.1 | 17.0 | 56.5 | 94.6 | 5.4 | 12.2 | 17.6 |
| Switzerland | 7.7 | 5.7 | 85.7 | 99.1 | 0.9 | 1.5 | 2.4 |
| <u>European Transition Countries</u> | <u>32.0</u> | <u>26.0</u> | <u>37.4</u> | <u>95.4</u> | <u>4.6</u> | <u>9.7</u> | <u>14.3</u> |
| Bulgaria | 34.6 | 30.1 | 34.6 | 99.3 | 0.7 | 0.2 | 0.9 |
| Czech Republic | 9.8 | 11.4 | 71.8 | 93.0 | 7.0 | 9.3 | 16.3 |
| Estonia | 24.9 | 22.6 | 42.4 | 89.9 | 10.1 | 2.6 | 12.7 |
| Hungary | 46.6 | 28.9 | 23.6 | 99.1 | 0.9 | 2.6 | 3.5 |
| Latvia | 53.3 | 25.9 | 15.2 | 94.5 | 5.5 | 8.7 | 14.2 |
| Lithuania | 45.1 | 31.5 | 14.0 | 90.6 | 9.4 | 14.4 | 23.8 |
| Poland | 24.6 | 22.7 | 48.9 | 96.2 | 3.8 | 3.2 | 7.0 |
| Slovak Republic | 8.2 | 13.4 | 74.5 | 96.1 | 3.9 | 8.9 | 12.8 |
| Slovenia | 37.9 | 23.3 | 38.9 | 100.0 | 0.0 | 69.9 | 69.9 |
| Romania | 25.9 | 19.2 | 42.0 | 87.1 | 12.9 | 2.7 | 15.6 |
| Russian Federation | 42.6 | 43.1 | 13.8 | 99.5 | 0.5 | 1.5 | 2.0 |
| Croatia | 34.8 | 21.1 | 42.6 | 98.5 | 1.5 | 1.3 | 2.7 |
| Ukraine | 27.7 | 44.8 | 24.0 | 96.5 | 3.5 | 1.0 | 4.4 |
| <u>country average</u> | <u>25.8</u> | <u>20.2</u> | <u>49.4</u> | <u>95.4</u> | <u>4.6</u> | <u>5.5</u> | <u>10.1</u> |

(*) Continuing firms and firm dynamics columns do not add up to 100 since rates are calculated taking into account operating firms (continuing plus entering firms) in each year.

TABLE 8: FIRMS IN RELATION TO EMPLOYMENT CREATION. DISTRIBUTION BY AGREGATED SECTORS 1999-2006(*)()**

| Aggregated sector | Continuing firms | | | | Firms dynamics | | |
|------------------------------|---------------------|---------------------|-------------------|-------------|----------------|---------------|------------|
| | Increase employment | Decrease employment | Stable employment | Total | Entering firms | Exiting firms | Total |
| Primary sectors | 23.8 | 25.2 | 47.4 | 96.5 | 3.5 | 4.3 | 7.9 |
| Manufacturing sectors | 28.4 | 23.7 | 44.6 | 96.7 | 3.3 | 4.2 | 7.5 |
| Construction | 25.5 | 19.5 | 49.5 | 94.4 | 5.6 | 4.0 | 9.6 |
| Services | 23.0 | 17.5 | 54.5 | 94.9 | 5.1 | 4.8 | 9.8 |

(*)Note from Table 7.

(**) Excluded are companies that do not offer the NACE code of activity.

TABLE 9: FIRMS IN RELATION TO EMPLOYMENT CREATION. DISTRIBUTION BY TECHNOLOGICAL AND KNOWLEDGE INTENSITY SECTORS 1999-2006(*)()**

| Technological sector | Continuing firms | | | Total | Firms dynamics | | |
|--------------------------------------------------|---------------------|---------------------|-------------------|-------------|----------------|---------------|-------------|
| | Increase employment | Decrease employment | Stable employment | | Entering firms | Exiting firms | Total |
| High-technology manufacturing industries | 27.0 | 20.4 | 49.5 | 96.9 | 3.1 | 4.2 | 7.4 |
| Medium-high-technology manufacturing industries | 30.3 | 24.3 | 42.5 | 97.1 | 2.9 | 3.8 | 6.7 |
| Medium-low-technology manufacturing industries | 29.5 | 23.1 | 44.2 | 96.7 | 3.3 | 3.8 | 7.1 |
| Low-technology manufacturing industries | 27.2 | 24.3 | 45.0 | 96.5 | 3.5 | 4.6 | 8.1 |
| High-technology knowledge-intensive services | 26.4 | 16.6 | 48.6 | 91.6 | 8.4 | 6.0 | 14.4 |
| Market knowledge-intensive services | 18.8 | 14.0 | 60.8 | 93.6 | 6.4 | 5.8 | 12.2 |
| Other knowledge-intensive services | 20.9 | 15.8 | 57.9 | 94.6 | 5.4 | 6.1 | 11.5 |
| Market services les knowledge-intensive services | 23.9 | 17.3 | 54.1 | 95.3 | 4.7 | 4.5 | 9.1 |
| Less knowledge-intensive services | 23.3 | 17.2 | 52.7 | 93.2 | 6.8 | 6.0 | 12.8 |

(*)Note from Table 7.

(**) Excluded are companies that belong to a sector not covered by this classification of EUROSTAT (http://epp.eurostat.ec.europa.eu/cache/ITY_SDDS/Annexes/reg_hrst_base_an3.pdf)

TABLE 10: FIRMS IN RELATION TO EMPLOYMENT CREATION. DISTRIBUTION BY SIZE-CLASSES 1999-2006(*)

| Time average size-class | Continuing firms | | | Total | Firms dynamics | | |
|-------------------------|---------------------|---------------------|-------------------|-------------|----------------|---------------|-------------|
| | Increase employment | Decrease employment | Stable employment | | Entering firms | Exiting firms | Total |
| Micro firms | 17.3 | 14.3 | 62.2 | 93.8 | 6.2 | 5.2 | 11.4 |
| Small firms | 35.1 | 25.5 | 37.1 | 97.8 | 2.2 | 3.2 | 5.5 |
| Medium firms | 42.4 | 34.7 | 21.3 | 98.4 | 1.6 | 3.3 | 5.0 |
| Big firms | 45.8 | 38.8 | 13.7 | 98.4 | 1.6 | 3.7 | 5.4 |

(*) Note from Table 7.

TABLE 11: FIRMS IN RELATION TO EMPLOYMENT CREATION. DISTRIBUTION BY YEAR 1999-2006(*)

| Year | Continuing firms | | | Total | Firms dynamics | | |
|-------------|---------------------|---------------------|-------------------|-------------|----------------|---------------|-------------|
| | Increase employment | Decrease employment | Stable employment | | Entering firms | Exiting firms | Total |
| 1999 | 26.2 | 18.0 | 50.1 | 94.4 | 5.6 | 1.3 | 6.9 |
| 2000 | 25.4 | 17.8 | 51.0 | 94.2 | 5.8 | 1.4 | 7.3 |
| 2001 | 22.7 | 17.7 | 54.1 | 94.5 | 5.5 | 2.2 | 7.7 |
| 2002 | 22.4 | 19.8 | 52.4 | 94.7 | 5.3 | 3.4 | 8.7 |
| 2003 | 23.0 | 21.0 | 51.4 | 95.4 | 4.6 | 4.2 | 8.8 |
| 2004 | 24.4 | 19.1 | 51.7 | 95.1 | 4.9 | 5.1 | 10.0 |
| 2005 | 24.9 | 21.0 | 49.8 | 95.7 | 4.3 | 5.9 | 10.2 |
| 2006 | 24.5 | 16.9 | 56.4 | 97.8 | 2.2 | 13.1 | 15.4 |

(*) Note from Table 7.

TABLE 12: JOB FLOWS INDICATORS BY COUNTRY, 1999-2006. yearly time averages

| Country | Gross job creation rate continuing enterprises | Gross job destruction rate continuing enterprises | Gross job reallocation rate continuing enterprises | Net job creation rate continuing enterprises | Gross job creation rate all enterprises | Gross job destruction rate all enterprises | Gross job reallocation rate all enterprises | Net job creation rate all enterprises |
|---------------------------------------------|------------------------------------------------|---------------------------------------------------|----------------------------------------------------|----------------------------------------------|-----------------------------------------|--------------------------------------------|---------------------------------------------|---------------------------------------|
| <u>Western European Countries</u> | <u>8.6</u> | <u>5.6</u> | <u>14.3</u> | <u>3.0</u> | <u>10.7</u> | <u>9.1</u> | <u>19.8</u> | <u>1.6</u> |
| Austria | 6.5 | 7.2 | 13.7 | -0.6 | 9.2 | 11.0 | 20.2 | -1.8 |
| Belgium | 10.3 | 6.0 | 16.3 | 4.2 | 11.8 | 9.1 | 20.9 | 2.7 |
| Denmark | 11.3 | 5.0 | 16.3 | 6.2 | 14.6 | 7.4 | 22.0 | 7.1 |
| Finland | 7.9 | 4.9 | 12.8 | 3.0 | 10.7 | 7.3 | 18.0 | 3.4 |
| Greece | 1.0 | 0.5 | 1.5 | 0.5 | 3.2 | 2.8 | 6.0 | 0.4 |
| France | 8.6 | 5.0 | 13.6 | 3.5 | 9.7 | 8.4 | 18.1 | 1.3 |
| Germany | 8.6 | 6.7 | 15.3 | 2.0 | 10.2 | 12.9 | 23.2 | -2.7 |
| Italy | 12.8 | 8.9 | 21.7 | 3.8 | 14.6 | 13.2 | 27.8 | 1.4 |
| Spain | 13.7 | 9.4 | 23.1 | 4.2 | 15.8 | 13.5 | 29.3 | 2.3 |
| Sweden | 8.4 | 5.4 | 13.8 | 3.0 | 10.7 | 7.7 | 18.5 | 3.0 |
| Portugal | 6.5 | 4.8 | 11.4 | 1.7 | 6.9 | 6.1 | 12.9 | 0.8 |
| United Kingdom | 7.2 | 7.0 | 14.2 | 0.3 | 11.5 | 9.5 | 21.0 | 2.1 |
| Ireland | 4.8 | 2.6 | 7.4 | 2.2 | 7.0 | 8.2 | 15.2 | -1.3 |
| Netherlands | 7.9 | 6.6 | 14.5 | 1.3 | 9.6 | 11.2 | 20.8 | -1.6 |
| Iceland | 17.3 | 4.1 | 21.4 | 13.2 | 18.4 | 8.6 | 27.0 | 9.9 |
| Norway | 9.3 | 8.3 | 17.6 | 1.0 | 13.1 | 12.7 | 25.8 | 0.3 |
| Switzerland | 4.9 | 3.3 | 8.2 | 1.7 | 5.5 | 5.4 | 10.9 | 0.1 |
| <u>European Transition Countries</u> | <u>8.3</u> | <u>8.4</u> | <u>16.6</u> | <u>-0.1</u> | <u>9.9</u> | <u>12.8</u> | <u>22.7</u> | <u>-2.9</u> |
| Bulgaria | 13.7 | 14.4 | 28.1 | -0.7 | 14.5 | 15.1 | 29.6 | -0.6 |
| Czech Republic | 6.6 | 6.7 | 13.3 | -0.1 | 9.0 | 11.8 | 20.8 | -2.8 |
| Estonia | 10.0 | 7.8 | 17.9 | 2.2 | 13.9 | 10.1 | 24.0 | 3.8 |
| Hungary | 8.0 | 7.9 | 15.9 | 0.2 | 8.3 | 9.7 | 17.9 | -1.4 |
| Latvia | 8.2 | 5.4 | 13.7 | 2.8 | 9.8 | 9.6 | 19.4 | 0.3 |
| Lithuania | 9.9 | 9.3 | 19.3 | 0.6 | 12.0 | 19.4 | 31.4 | -7.4 |
| Poland | 5.4 | 4.7 | 10.1 | 0.7 | 6.6 | 7.7 | 14.4 | -1.1 |
| Slovak Republic | 5.7 | 7.4 | 13.1 | -1.7 | 7.8 | 16.1 | 24.0 | -8.3 |
| Slovenia | 5.8 | 5.1 | 10.9 | 0.6 | 5.8 | 14.8 | 20.5 | -9.0 |
| Romania | 11.3 | 11.1 | 22.4 | 0.2 | 14.8 | 13.5 | 28.3 | 1.3 |
| Russian Federation | 7.2 | 10.5 | 17.6 | -4.0 | 7.5 | 16.0 | 23.5 | -8.6 |
| Croatia | 7.5 | 6.3 | 13.8 | 1.2 | 9.3 | 8.4 | 17.8 | 0.9 |
| Ukraine | 8.2 | 11.9 | 20.2 | -3.7 | 9.5 | 13.9 | 23.4 | -4.5 |
| <u>country average</u> | <u>8.6</u> | <u>6.7</u> | <u>15.3</u> | <u>1.9</u> | <u>10.5</u> | <u>10.4</u> | <u>20.9</u> | <u>0.1</u> |

TABLE 13: IMPORTANCE OF JOB FLOWS DERIVED FROM FIRM DYNAMICS. 1999-2006

| Country | % Gross job creation from firm dynamics | % Gross job destruction from firm dynamics | % Gross job reallocation from firm dynamics |
|---------------------------------------------|--------------------------------------------|--------------------------------------------------|---------------------------------------------------|
| <u>Western European Countries</u> | <u>21.8</u> | <u>40.0</u> | <u>30.2</u> |
| Austria | 28.9 | 34.7 | 32.1 |
| Belgium | 13.2 | 33.5 | 22.0 |
| Denmark | 22.5 | 31.9 | 25.6 |
| Finland | 26.0 | 33.2 | 28.9 |
| Greece | 67.8 | 82.4 | 74.7 |
| France | 11.6 | 40.1 | 24.8 |
| Germany | 15.5 | 48.6 | 34.0 |
| Italy | 12.6 | 32.7 | 22.2 |
| Spain | 13.6 | 30.1 | 21.2 |
| Sweden | 22.2 | 30.1 | 25.5 |
| Portugal | 5.2 | 20.4 | 12.3 |
| United Kingdom | 37.0 | 26.4 | 32.2 |
| Ireland | 31.5 | 68.3 | 51.4 |
| Netherlands | 17.6 | 40.7 | 30.0 |
| Iceland | 6.4 | 52.3 | 20.9 |
| Norway | 28.8 | 34.8 | 31.7 |
| Switzerland | 9.6 | 39.7 | 24.5 |
| <u>European Transition Countries</u> | <u>15.6</u> | <u>33.4</u> | <u>26.5</u> |
| Bulgaria | 5.6 | 4.4 | 5.0 |
| Czech Republic | 26.6 | 43.6 | 36.2 |
| Estonia | 27.8 | 22.6 | 25.6 |
| Hungary | 3.1 | 18.3 | 11.2 |
| Latvia | 16.4 | 43.4 | 29.7 |
| Lithuania | 17.3 | 51.8 | 38.6 |
| Poland | 18.5 | 39.0 | 23.6 |
| Slovak Republic | 27.3 | 54.2 | 45.4 |
| Slovenia | 0.0 | 65.3 | 47.0 |
| Romania | 23.6 | 17.8 | 20.9 |
| Russian Federation | 4.4 | 34.7 | 25.1 |
| Croatia | 19.6 | 25.1 | 22.2 |
| Ukraine | 12.9 | 14.2 | 13.7 |
| <u>country average</u> | <u>18.6</u> | <u>35.6</u> | <u>26.8</u> |

TABLE 14: JOB FLOWS INDICATORS BY AGGREGATED SECTORS, 1999-2006. yearly time averages

| Aggregated sector | Gross job creation rate continuing enterprises | Gross job destruction rate continuing enterprises | Gross job reallocation rate continuing enterprises | Net job creation rate continuing enterprises | Gross job creation rate all enterprises | Gross job destruction rate all enterprises | Gross job reallocation rate all enterprises | Net job creation rate all enterprises |
|-------------------------------------|------------------------------------------------|---------------------------------------------------|----------------------------------------------------|----------------------------------------------|-----------------------------------------|--------------------------------------------|---------------------------------------------|---------------------------------------|
| ALL COUNTRIES | | | | | | | | |
| Primary sectors | 5.7 | 10.4 | 16.0 | -4.7 | 8.5 | 14.9 | 23.5 | -6.4 |
| Manufacturing sectors | 6.8 | 6.4 | 13.1 | 0.4 | 7.9 | 10.6 | 18.5 | -2.7 |
| Construction | 8.4 | 7.6 | 16.0 | 0.8 | 10.2 | 11.2 | 21.4 | -0.9 |
| Services | 9.8 | 7.4 | 17.2 | 2.3 | 12.1 | 11.3 | 23.4 | 0.8 |
| WESTERN EUROPEAN CONTRIES | | | | | | | | |
| Primary sectors | 6.6 | 7.5 | 14.1 | -0.9 | 10.1 | 10.7 | 20.8 | -0.6 |
| Manufacturing sectors | 7.0 | 6.1 | 13.1 | 0.9 | 8.3 | 9.8 | 18.1 | -1.6 |
| Construction | 8.9 | 7.3 | 16.2 | 1.7 | 11.0 | 10.6 | 21.6 | 0.3 |
| Services | 9.7 | 6.6 | 16.4 | 3.1 | 12.4 | 10.7 | 23.1 | 1.7 |
| TRANSITION EUROPEAN CONTRIES | | | | | | | | |
| Primary sectors | 5.2 | 12.5 | 17.7 | -7.3 | 6.6 | 18.0 | 24.6 | -11.5 |
| Manufacturing sectors | 5.9 | 7.4 | 13.3 | -1.5 | 6.9 | 12.8 | 19.7 | -5.9 |
| Construction | 6.7 | 8.6 | 15.3 | -1.9 | 8.5 | 12.5 | 21.0 | -4.1 |
| Services | 9.9 | 10.6 | 20.4 | -0.7 | 11.0 | 13.6 | 24.6 | -2.7 |

TABLE 15: JOB FLOWS INDICATORS BY TECHNOLOGICAL SECTOR, 1999-2006. yearly time averages

| Technological sector | Gross job creation rate continuing enterprises | Gross job destruction rate continuing enterprises | Gross job reallocation rate continuing enterprises | Net job creation rate continuing enterprises | Gross job creation rate all enterprises | Gross job destruction rate all enterprises | Gross job reallocation rate all enterprises | Net job creation rate all enterprises |
|--------------------------------------------------|------------------------------------------------|---------------------------------------------------|----------------------------------------------------|----------------------------------------------|-----------------------------------------|--------------------------------------------|---------------------------------------------|---------------------------------------|
| ALL COUNTRIES | | | | | | | | |
| High-technology manufacturing industries | 7.6 | 5.8 | 13.5 | 1.8 | 8.6 | 10.8 | 19.4 | -2.2 |
| Medium-high-technology manufacturing industries | 5.5 | 6.2 | 11.7 | -0.6 | 6.5 | 9.8 | 16.3 | -3.2 |
| Medium-low-technology manufacturing industries | 7.8 | 6.4 | 14.1 | 1.4 | 8.9 | 10.8 | 19.7 | -1.9 |
| Low-technology manufacturing industries | 6.9 | 6.7 | 13.6 | 0.2 | 8.2 | 11.1 | 19.3 | -2.9 |
| High-technology knowledge-intensive services | 9.0 | 5.4 | 14.4 | 3.6 | 11.9 | 10.1 | 22.0 | 1.8 |
| Market knowledge-intensive services | 11.0 | 7.5 | 18.5 | 3.5 | 13.8 | 11.7 | 25.4 | 2.1 |
| Other knowledge-intensive services | 10.0 | 6.8 | 16.8 | 3.1 | 13.0 | 11.5 | 24.5 | 1.5 |
| Market services les knowledge-intensive services | 9.1 | 6.8 | 15.9 | 2.3 | 11.0 | 10.4 | 21.4 | 0.6 |
| Less knowledge-intensive services | 10.2 | 7.9 | 18.1 | 2.3 | 12.6 | 14.3 | 26.9 | -1.6 |
| WESTERN EUROPEAN CONTRIES | | | | | | | | |
| High-technology manufacturing industries | 8.0 | 5.6 | 13.6 | 2.4 | 9.1 | 9.9 | 19.0 | -0.8 |
| Medium-high-technology manufacturing industries | 5.7 | 6.0 | 11.7 | -0.2 | 6.9 | 8.9 | 15.8 | -2.0 |
| Medium-low-technology manufacturing industries | 8.5 | 6.4 | 15.0 | 2.1 | 9.9 | 10.0 | 19.8 | -0.1 |
| Low-technology manufacturing industries | 6.8 | 6.1 | 12.8 | 0.7 | 8.1 | 10.6 | 18.7 | -2.4 |
| High-technology knowledge-intensive services | 8.9 | 5.3 | 14.3 | 3.6 | 12.4 | 9.6 | 22.0 | 2.9 |
| Market knowledge-intensive services | 11.0 | 7.2 | 18.2 | 3.8 | 13.8 | 11.3 | 25.2 | 2.5 |
| Other knowledge-intensive services | 10.2 | 6.7 | 16.9 | 3.5 | 13.3 | 11.6 | 25.0 | 1.7 |
| Market services les knowledge-intensive services | 8.6 | 6.3 | 14.9 | 2.3 | 10.6 | 9.9 | 20.6 | 0.7 |
| Less knowledge-intensive services | 9.7 | 6.4 | 16.1 | 3.3 | 12.3 | 13.1 | 25.4 | -0.7 |
| TRANSITION EUROPEANA CONTRIES | | | | | | | | |
| High-technology manufacturing industries | 5.8 | 7.4 | 13.2 | -1.6 | 6.3 | 15.2 | 21.4 | -8.9 |
| Medium-high-technology manufacturing industries | 5.1 | 6.9 | 12.1 | -1.8 | 5.9 | 12.2 | 18.1 | -6.3 |
| Medium-low-technology manufacturing industries | 5.5 | 6.4 | 11.9 | -1.0 | 6.5 | 13.0 | 19.5 | -6.6 |
| Low-technology manufacturing industries | 7.0 | 8.5 | 15.4 | -1.5 | 8.2 | 12.7 | 20.9 | -4.4 |
| High-technology knowledge-intensive services | 8.3 | 7.1 | 15.3 | 1.2 | 9.0 | 12.4 | 21.3 | -3.4 |
| Market knowledge-intensive services | 10.8 | 12.2 | 23.0 | -1.3 | 13.3 | 16.7 | 30.0 | -3.3 |
| Other knowledge-intensive services | 7.9 | 7.6 | 15.5 | 0.3 | 11.2 | 10.4 | 21.6 | 0.8 |
| Market services les knowledge-intensive services | 11.1 | 9.2 | 20.2 | 1.9 | 12.8 | 12.6 | 25.4 | 0.2 |
| Less knowledge-intensive services | 11.4 | 13.2 | 24.6 | -1.9 | 13.0 | 20.0 | 33.1 | -7.0 |

TABLE 16: JOB FLOWS INDICATORS BY TIME AVERAGE SIZE-CLASS, 1999-2006. yearly time averages

| Time averaga size-class | Gross job creation rate continuing enterprises | Gross job destruction rate continuing enterprises | Gross job reallocation rate continuing enterprises | Net job creation rate continuing enterprises | Gross job creation rate all enterprises | Gross job destruction rate all enterprises | Gross job reallocation rate all enterprises | Net job creation rate all enterprises |
|-------------------------------------|------------------------------------------------|---------------------------------------------------|----------------------------------------------------|----------------------------------------------|-----------------------------------------|--------------------------------------------|---------------------------------------------|---------------------------------------|
| ALL COUNTRIES | | | | | | | | |
| Micro firms | 9.4 | 7.7 | 17.1 | 1.7 | 14.1 | 12.4 | 26.4 | 1.7 |
| Small firms | 9.3 | 7.5 | 16.8 | 1.8 | 11.3 | 11.1 | 22.3 | 0.2 |
| Medium firms | 8.6 | 8.5 | 17.0 | 0.1 | 10.2 | 12.1 | 22.2 | -1.9 |
| Big firms | 8.3 | 6.8 | 15.2 | 1.5 | 10.1 | 11.0 | 21.1 | -0.8 |
| WESTERN EUROPEAN CONTRIES | | | | | | | | |
| Micro firms | 8.1 | 6.6 | 14.7 | 1.5 | 12.9 | 11.8 | 24.7 | 1.2 |
| Small firms | 8.2 | 6.0 | 14.3 | 2.2 | 10.3 | 9.9 | 20.2 | 0.4 |
| Medium firms | 8.5 | 6.1 | 14.7 | 2.4 | 10.4 | 10.1 | 20.4 | 0.3 |
| Big firms | 9.0 | 6.7 | 15.7 | 2.3 | 11.1 | 10.5 | 21.7 | 0.6 |
| TRANSITION EUROPENA CONTRIES | | | | | | | | |
| Micro firms | 16.2 | 13.1 | 29.3 | 3.1 | 19.6 | 15.4 | 35.0 | 4.2 |
| Small firms | 13.0 | 14.1 | 27.1 | -1.1 | 14.5 | 16.9 | 31.5 | -2.4 |
| Medium firms | 8.3 | 12.6 | 20.9 | -4.3 | 9.6 | 15.7 | 25.3 | -6.1 |
| Big firms | 5.6 | 7.6 | 13.2 | -2.1 | 6.5 | 12.7 | 19.2 | -6.1 |

TABLE 17: JOB FLOWS INDICATORS BY YEARS, 1999-2006. yearly time averages

| Years | Gross job creation rate continuing enterprises | Gross job destruction rate continuing enterprises | Gross job reallocation rate continuing enterprises | Net job creation rate continuing enterprises | Gross job creation rate all enterprises | Gross job destruction rate all enterprises | Gross job reallocation rate all enterprises | Net job creation rate all enterprises |
|-------------------------------------|------------------------------------------------|---------------------------------------------------|----------------------------------------------------|----------------------------------------------|-----------------------------------------|--------------------------------------------|---------------------------------------------|---------------------------------------|
| ALL COUNTRIES | | | | | | | | |
| 1999 | 10.8 | 7.2 | 18.0 | 3.6 | 14.1 | 8.2 | 22.4 | 5.9 |
| 2000 | 9.5 | 7.4 | 16.9 | 2.1 | 12.1 | 8.6 | 20.7 | 3.4 |
| 2001 | 8.5 | 6.9 | 15.4 | 1.6 | 10.9 | 8.6 | 19.5 | 2.3 |
| 2002 | 7.4 | 7.6 | 15.0 | -0.2 | 9.1 | 10.1 | 19.3 | -1.0 |
| 2003 | 7.4 | 8.4 | 15.8 | -1.0 | 8.9 | 12.4 | 21.3 | -3.5 |
| 2004 | 9.0 | 8.0 | 17.0 | 1.1 | 10.7 | 14.1 | 24.8 | -3.4 |
| 2005 | 8.2 | 7.0 | 15.2 | 1.3 | 9.7 | 12.1 | 21.9 | -2.4 |
| 2006 | 8.1 | 5.5 | 13.6 | 2.6 | 8.9 | 15.5 | 24.4 | -6.7 |
| WESTERN EUROPEAN CONTRIES | | | | | | | | |
| 1999 | 11.0 | 7.1 | 18.1 | 4.0 | 14.4 | 8.1 | 22.5 | 6.3 |
| 2000 | 10.6 | 7.4 | 18.0 | 3.2 | 13.7 | 8.7 | 22.4 | 4.9 |
| 2001 | 9.4 | 6.7 | 16.1 | 2.6 | 12.4 | 8.8 | 21.1 | 3.6 |
| 2002 | 7.6 | 6.5 | 14.1 | 1.1 | 9.7 | 9.0 | 18.7 | 0.6 |
| 2003 | 8.0 | 6.6 | 14.6 | 1.5 | 9.8 | 10.5 | 20.3 | -0.6 |
| 2004 | 8.3 | 6.4 | 14.7 | 1.9 | 10.2 | 11.0 | 21.2 | -0.7 |
| 2005 | 7.8 | 6.2 | 14.0 | 1.6 | 9.6 | 12.2 | 21.8 | -2.6 |
| 2006 | 7.9 | 5.4 | 13.3 | 2.5 | 8.7 | 15.4 | 24.1 | -6.7 |
| TRANSITION EUROPEAN CONTRIES | | | | | | | | |
| 1999 | 6.0 | 10.1 | 16.0 | -4.1 | 9.4 | 10.6 | 20.0 | -1.2 |
| 2000 | 6.3 | 7.5 | 13.8 | -1.1 | 7.3 | 8.3 | 15.7 | -1.0 |
| 2001 | 6.2 | 7.2 | 13.3 | -1.0 | 7.0 | 8.3 | 15.3 | -1.3 |
| 2002 | 6.9 | 10.2 | 17.1 | -3.4 | 7.8 | 12.7 | 20.6 | -4.9 |
| 2003 | 5.7 | 12.9 | 18.6 | -7.2 | 6.5 | 17.2 | 23.7 | -10.6 |
| 2004 | 11.1 | 12.3 | 23.5 | -1.2 | 12.0 | 22.8 | 34.8 | -10.8 |
| 2005 | 9.5 | 9.2 | 18.7 | 0.3 | 10.2 | 12.0 | 22.2 | -1.8 |
| 2006 | 10.7 | 6.7 | 17.4 | 4.0 | 11.4 | 17.1 | 28.5 | -5.7 |

TABLE 18: RELATIONSHIP BETWEEN JOB FLOW INDICATORS

| | | Gross Job Creation Continuing Firms | Gross Job Destruction Continuing Firms | Gross Job Reallocation Continuing Firms | Net Job Creation Continuing Firms | Gross Job Creation Firm Dynamics | Gross Job Destruction Firm Dynamics | Gross Job Reallocation Firm Dynamics | Net Job Creation Firm Dynamics | Gross Job Creation Total Firms | Gross Job Destruction Total Firms | Gross Job Reallocation Total Firms | Net Job Creation Total Firms |
|-----------------------------------------|---------------|-------------------------------------|----------------------------------------|-----------------------------------------|-----------------------------------|----------------------------------|-------------------------------------|--------------------------------------|--------------------------------|--------------------------------|-----------------------------------|------------------------------------|------------------------------|
| Gross Job Destruction Continuing Firms | coeficient | -0.02*** | | | | | | | | | | | |
| | Adj R-squared | 0.00 | | | | | | | | | | | |
| Gross Job Reallocation Continuing Firms | coeficient | 0.37*** | 0.63*** | | | | | | | | | | |
| | Adj R-squared | 0.35 | 0.62 | | | | | | | | | | |
| Net Job Creation Continuing Firms | coeficient | 0.37*** | -0.63*** | 0.25*** | | | | | | | | | |
| | Adj R-squared | 0.39 | 0.64 | 0.07 | | | | | | | | | |
| Gross Job Creation Firm Dynamics | coeficient | -0.04*** | 0.04*** | - | -0.08*** | | | | | | | | |
| | Adj R-squared | 0.01 | 0.00 | | 0.00 | | | | | | | | |
| Gross Job Destruction Firm Dynamics | coeficient | -0.04*** | - | -0.03*** | -0.03*** | 0.24*** | | | | | | | |
| | Adj R-squared | 0.01 | | 0.00 | 0.00 | 0.09 | | | | | | | |
| Gross Job Reallocation Firm Dynamics | coeficient | - | - | 0.02*** | - | 0.43*** | 0.57*** | | | | | | |
| | Adj R-squared | | | 0.00 | | 0.58 | 0.71 | | | | | | |
| Net Job Creation Firm Dynamics | coeficient | -0.01** | 0.02*** | - | -0.03*** | 0.37*** | -0.63*** | -0.27*** | | | | | |
| | Adj R-squared | 0.00 | 0.00 | | 0.00 | 0.24 | 0.48 | 0.04 | | | | | |
| Gross Job Creation Total Firms | coeficient | 0.10*** | 0.06*** | 0.41*** | 0.30*** | 0.90*** | 0.21*** | 0.76*** | 0.35*** | | | | |
| | Adj R-squared | 0.07 | 0.01 | 0.19 | 0.11 | 0.86 | 0.05 | 0.33 | 0.12 | | | | |
| Gross Job Destruction Total Firms | coeficient | - | 0.25*** | 0.25*** | -0.26*** | 0.11*** | 0.75*** | 0.73*** | -0.50*** | 0.18*** | | | |
| | Adj R-squared | | 0.25 | 0.11 | 0.13 | 0.03 | 0.75 | 0.43 | 0.31 | 0.04 | | | |
| Gross Job Reallocation Total Firms | coeficient | 0.22*** | 0.21*** | 0.43*** | 0.02*** | 0.23*** | 0.33*** | 0.57*** | -0.10*** | 0.46*** | 0.54*** | | |
| | Adj R-squared | 0.26 | 0.24 | 0.44 | 0.00 | 0.30 | 0.39 | 0.58 | 0.02 | 0.56 | 0.63 | | |
| Net Job Creation Total Firms | coeficient | 0.25*** | -0.22*** | 0.03*** | 0.47*** | 0.20*** | -0.34*** | -0.14*** | 0.53*** | 0.44*** | -0.56*** | -0.11*** | |
| | Adj R-squared | 0.21 | 0.18 | 0.00 | 0.45 | 0.15 | 0.27 | 0.02 | 0.52 | 0.35 | 0.46 | 0.01 | |
| Excess Job Reallocation Total Firms | coeficient | 0.03 | 0.19*** | 0.23*** | -0.16*** | 0.06*** | 0.31*** | 0.36*** | -0.25*** | 0.09*** | 0.50*** | 0.59*** | -0.41*** |
| | Adj R-squared | 0.01 | 0.38 | 0.22 | 0.14 | 0.03 | 0.61 | 0.43 | 0.31 | 0.04 | 0.95 | 0.63 | 0.46 |

TABLE 19: RELATIONSHIP BETWEEN NET JOB CREATION AND GROSS JOB REALLOCATION

By individual country

| <u>Country</u> | <u>Coefficient</u> | <u>Standard error</u> | <u>Num. Groups</u> |
|---------------------------------------------|------------------------|-----------------------|----------------------|
| <u>Western European Countries</u> | <u>-0.09***</u> | <u>0.01</u> | <u>28,376</u> |
| Austria | -0.09*** | 0.03 | 1,711 |
| Belgium | 0.41*** | 0.02 | 1,770 |
| Denmark | -0.02 | 0.03 | 1,735 |
| Finland | 0.19*** | 0.03 | 1,662 |
| Greece | 0.17*** | 0.02 | 1,596 |
| France | -0.36*** | 0.02 | 1,787 |
| Germany | -0.43*** | 0.02 | 1,885 |
| Italy | -0.04 | 0.03 | 1,823 |
| Spain | -0.08*** | 0.03 | 1,864 |
| Sweden | 0.42*** | 0.02 | 1,727 |
| Portugal | -0.27*** | 0.03 | 1,534 |
| United Kingdom | -0.19*** | 0.02 | 1,913 |
| Ireland | -0.23*** | 0.03 | 1,662 |
| Netherlands | -0.39*** | 0.02 | 1,775 |
| Iceland | -0.21*** | 0.04 | 813 |
| Norway | -0.15*** | 0.03 | 1,464 |
| Switzerland | -0.24*** | 0.02 | 1,655 |
| <u>European Transition Economies</u> | <u>-0.14***</u> | <u>0.01</u> | <u>17,004</u> |
| Bulgaria | -0.03 | 0.03 | 1,796 |
| Czech Republic | -0.13*** | 0.03 | 1,675 |
| Estonia | 0.35*** | 0.03 | 1,570 |
| Hungary | -0.58*** | 0.03 | 1,622 |
| Latvia | -0.30*** | 0.03 | 1,410 |
| Lithuania | -0.13*** | 0.03 | 1,506 |
| Poland | -0.04 | 0.04 | 887 |
| Slovakia | -0.15*** | 0.03 | 1,067 |
| Slovenia | -1.01*** | 0.02 | 581 |
| Romania | -0.41*** | 0.04 | 677 |
| Russian Federation | -0.17*** | 0.03 | 1,356 |
| Croatia | 0.19*** | 0.03 | 1,619 |
| Ukraine | 0.45*** | 0.03 | 1,238 |
| <u>All Countries</u> | <u>-0.12***</u> | <u>0.00</u> | <u>45,380</u> |
| <u>All Countries weighted</u> | <u>-0.21***</u> | <u>0.00</u> | <u>45,380</u> |

TABLE 20: A PRIMER EXPLANATION OF DIFFERENCES IN JOB FLOWS INDICATORS

| Adj R-squared | Gross Job Creation Continuing Firms | Gross Job Destruction Continuing Firms | Gross Job Reallocation Continuing Firms | Net Job Creation Continuing Firms | Gross Job Creation Firm Dynamics | Gross Job Destruction Firm Dynamics | Gross Job Reallocation Firm Dynamics | Net Job Creation Firm Dynamics | Gross Job Creation Total Firms | Gross Job Destruction Total Firms | Gross Job Reallocation Total Firms | Net Job Creation Total Firms | Excess Job Reallocation Total Firms | Average | Marginal effects |
|-----------------------------------------|-------------------------------------|----------------------------------------|-----------------------------------------|-----------------------------------|----------------------------------|-------------------------------------|--------------------------------------|--------------------------------|--------------------------------|-----------------------------------|------------------------------------|------------------------------|-------------------------------------|---------|------------------|
| WITHOUT INTERACTIONS | | | | | | | | | | | | | | | |
| all dummy sets | 11.40 | 13.96 | 20.57 | 5.10 | 6.53 | 10.50 | 10.77 | 6.94 | 9.28 | 10.54 | 16.88 | 3.80 | 10.54 | 10.52 | |
| only NACE dummy set | 1.97 | 1.43 | 1.99 | 1.43 | 0.74 | 1.36 | 1.78 | 0.43 | 1.78 | 1.77 | 2.80 | 0.86 | 1.77 | 1.53 | |
| only size-class dummy set | 0.43 | 0.06 | 0.41 | 0.09 | 2.36 | 0.41 | 2.20 | 0.24 | 2.46 | 0.43 | 2.49 | 0.29 | 0.43 | 0.99 | |
| only country dummy set | 8.28 | 12.06 | 18.14 | 2.49 | 2.30 | 5.94 | 6.15 | 2.81 | 4.74 | 7.18 | 11.03 | 1.72 | 7.18 | 6.90 | |
| only year dummy set | 0.70 | 0.79 | 0.22 | 1.25 | 1.02 | 2.49 | 0.44 | 3.30 | 0.25 | 0.88 | 0.26 | 0.90 | 0.88 | 1.04 | |
| without NACE dummy set | 9.41 | 12.74 | 18.74 | 3.70 | 5.82 | 8.51 | 8.77 | 6.11 | 7.56 | 8.42 | 13.93 | 2.80 | 8.42 | 8.88 | 1.65 |
| without size-class dummy set | 10.98 | 13.87 | 20.10 | 5.04 | 4.16 | 10.15 | 8.65 | 6.64 | 6.84 | 10.12 | 14.42 | 3.49 | 10.12 | 9.54 | 0.98 |
| without country dummy set | 3.07 | 2.28 | 2.61 | 2.75 | 4.10 | 4.50 | 4.36 | 4.31 | 4.43 | 3.15 | 5.44 | 2.20 | 3.15 | 3.60 | 6.92 |
| without year dummy set | 10.70 | 13.37 | 20.46 | 3.95 | 5.38 | 8.08 | 10.35 | 3.63 | 8.95 | 9.70 | 16.59 | 2.90 | 9.70 | 9.51 | 1.02 |
| WITH INTERACTIONS | | | | | | | | | | | | | | | |
| all dummy sets | 24.85 | 25.59 | 35.32 | 15.55 | 18.36 | 22.79 | 23.57 | 18.34 | 22.30 | 23.76 | 32.44 | 14.77 | 23.76 | 23.14 | |
| without NACE dummy set | 18.74 | 19.93 | 28.25 | 10.78 | 13.94 | 14.90 | 16.40 | 12.67 | 15.91 | 15.57 | 23.70 | 8.62 | 15.57 | 16.62 | 6.52 |
| without size-class dummy set | 18.87 | 21.02 | 28.42 | 11.81 | 11.74 | 20.20 | 17.53 | 15.77 | 14.93 | 20.82 | 24.33 | 12.65 | 20.82 | 18.17 | 4.96 |
| without country dummy set | 5.57 | 3.47 | 4.28 | 4.77 | 5.07 | 5.45 | 5.25 | 5.33 | 5.69 | 4.28 | 6.65 | 3.36 | 4.28 | 4.93 | 18.21 |
| without year dummy set | 17.41 | 20.64 | 29.88 | 8.60 | 11.07 | 15.57 | 18.39 | 9.10 | 16.50 | 17.09 | 26.40 | 8.27 | 17.09 | 16.58 | 6.56 |
| without country x industry interactions | 22.06 | 22.42 | 31.66 | 13.22 | 15.42 | 18.00 | 19.37 | 14.52 | 18.78 | 18.94 | 28.00 | 10.72 | 18.94 | 19.43 | 3.71 |
| without size x country interactions | 21.75 | 21.88 | 30.44 | 13.57 | 14.88 | 20.88 | 20.23 | 16.54 | 18.36 | 21.75 | 27.88 | 13.39 | 21.75 | 20.13 | 3.01 |
| without country x time interactions | 19.66 | 22.07 | 30.82 | 11.31 | 13.44 | 18.87 | 19.57 | 13.68 | 17.66 | 18.87 | 27.28 | 10.33 | 18.87 | 18.63 | 4.51 |
| without industry x size interactions | 23.86 | 25.10 | 34.26 | 15.06 | 18.09 | 22.53 | 23.21 | 18.19 | 21.60 | 23.38 | 31.53 | 14.58 | 23.38 | 22.62 | 0.52 |
| without industry x time interactions | 24.51 | 24.90 | 34.85 | 14.99 | 17.76 | 22.14 | 23.06 | 17.62 | 21.75 | 23.01 | 31.98 | 13.93 | 23.01 | 22.54 | 0.59 |
| without size x time interactions | 23.50 | 25.42 | 34.89 | 14.46 | 17.83 | 22.70 | 23.31 | 18.07 | 22.03 | 23.60 | 32.26 | 14.53 | 23.60 | 22.72 | 0.42 |

FIGURE 1: RELATIONS BETWEEN JOB FLOWS INDICATORS

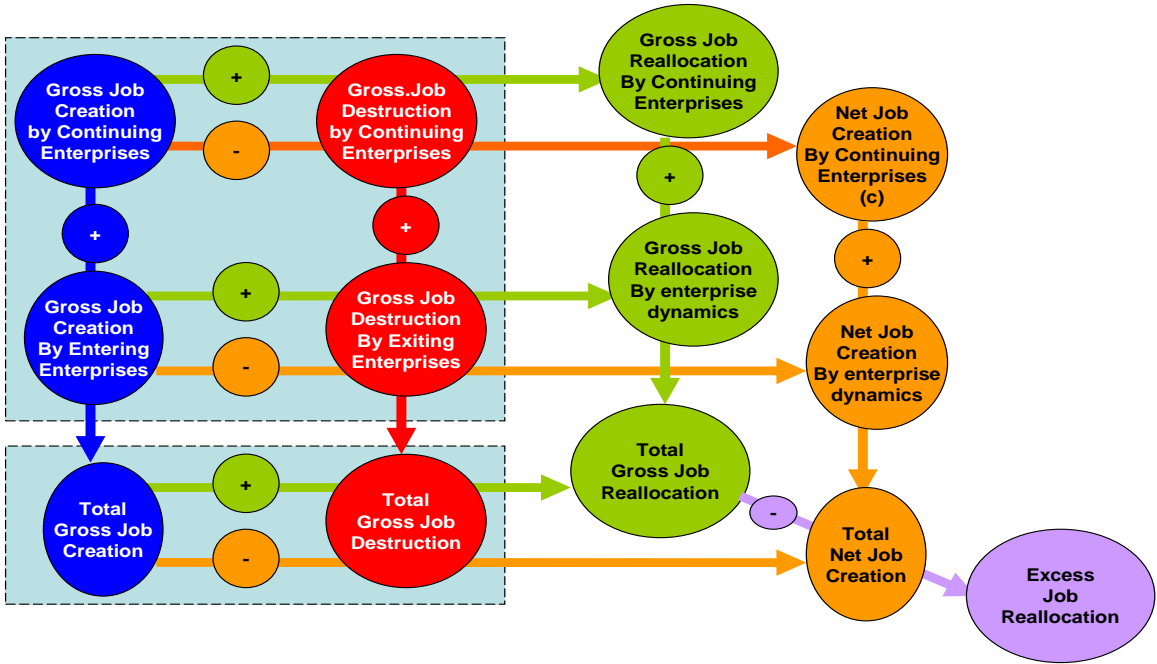


FIGURE 2: DISTRIBUTION OF PREVIOUS RESULT IN RELATION TO JOB FLOWS.

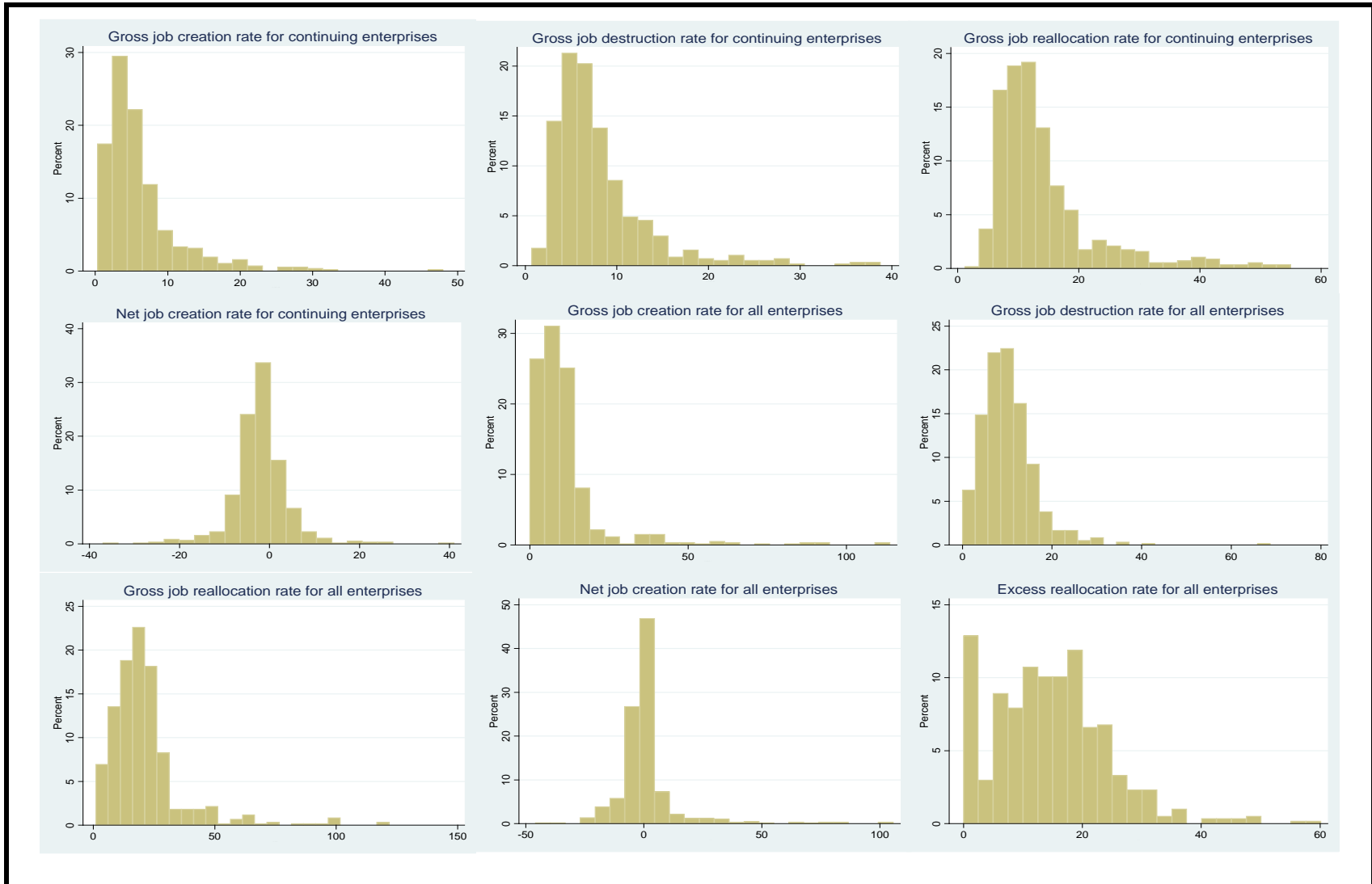


FIGURE 3: GROSS JOB REALLOCATION RATES AND NET JOB CREATION RATES. ALL COUNTRIES

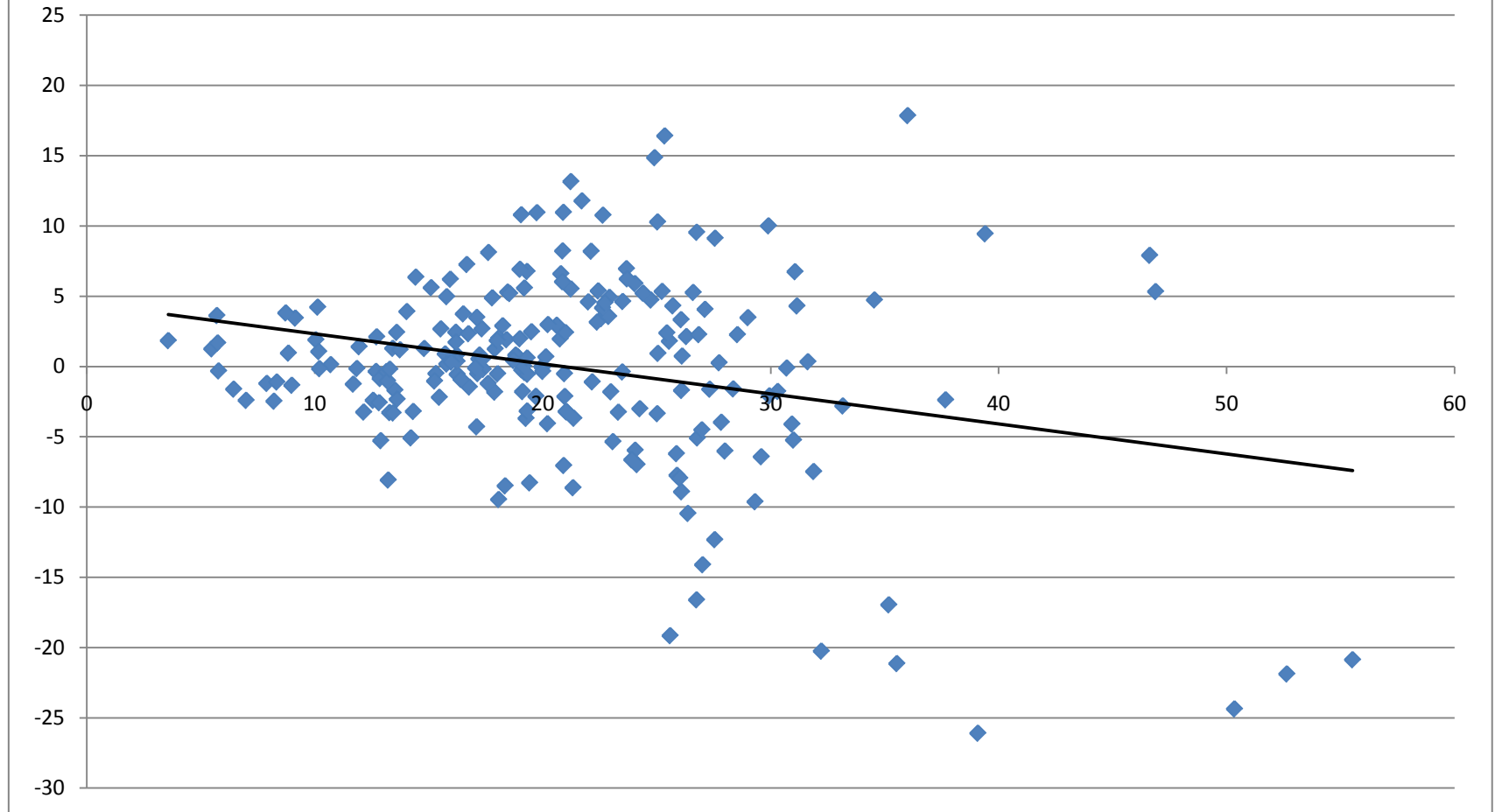
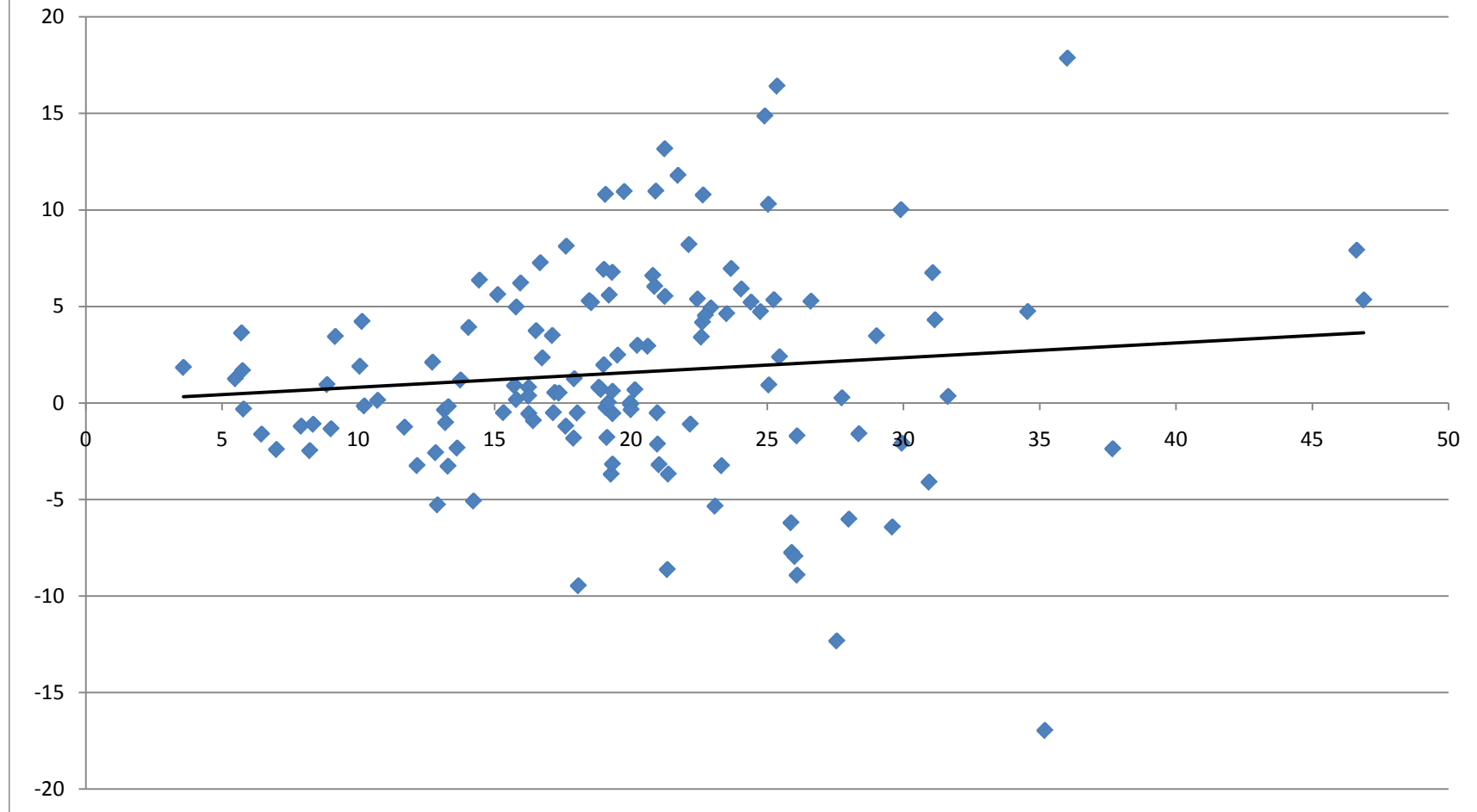
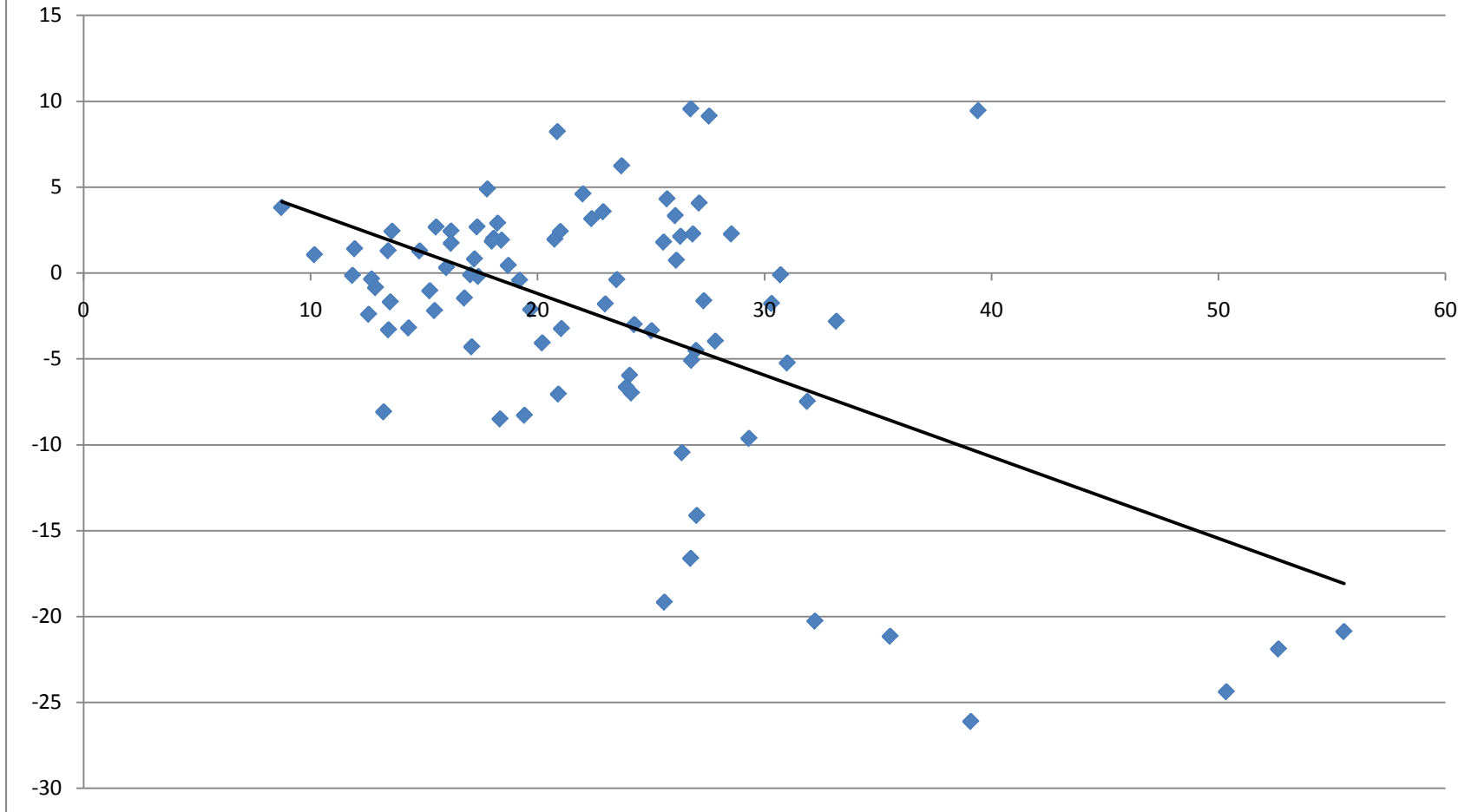


FIGURE 4: GROSS JOB REALLOCATION RATES AND NET JOB CREATION RATES. WESTERN EUROPEAN COUNTRIES.



**FIGURE 5: GROSS JOB REALLOCATION RATES AND NET JOB CREATION RATES.
TRANSITION EUROPEAN COUNTRIES**



ANNEX I

JOB FLOWS IN EUROPE. RESULTS BY COUNTRY

I.A. FINAL SAMPLE OF FIRMS FROM AMADEUS DATABASE

I.A.1. ENTERPRISES IN AMADEUS SAMPLE BY COUNTRY, 1999-2006

| Country | 1999 | 2000 | 2001 | 2002 | 2003 | 2004 | 2005 | 2006 | time average |
|---------------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|---------------------|
| Austria | 33,461 | 42,268 | 52,149 | 55,487 | 62,469 | 70,904 | 69,741 | 64,172 | 56,331 |
| Belgium | 111,750 | 113,215 | 114,275 | 114,791 | 115,416 | 115,948 | 116,413 | 116,568 | 114,797 |
| Denmark | 49,245 | 53,291 | 55,343 | 56,801 | 58,153 | 60,059 | 61,987 | 62,769 | 57,206 |
| Finland | 31,014 | 41,353 | 47,480 | 51,175 | 55,820 | 60,955 | 61,576 | 54,423 | 50,475 |
| Greece | 17,920 | 19,274 | 20,571 | 20,476 | 20,906 | 20,871 | 20,754 | 19,811 | 20,073 |
| France | 313,292 | 378,502 | 540,620 | 602,483 | 619,049 | 641,350 | 648,320 | 607,531 | 543,893 |
| Germany | 488,972 | 583,908 | 641,586 | 659,857 | 679,497 | 674,248 | 649,166 | 577,802 | 619,380 |
| Italy | 128,198 | 149,074 | 174,247 | 210,716 | 247,332 | 209,986 | 162,664 | 163,227 | 180,681 |
| Spain | 237,668 | 289,357 | 348,266 | 434,989 | 477,013 | 494,716 | 506,057 | 429,567 | 402,204 |
| Sweden | 158,128 | 168,931 | 177,521 | 181,625 | 183,176 | 184,940 | 185,576 | 184,469 | 178,046 |
| Portugal | 8,850 | 9,067 | 9,371 | 9,590 | 9,870 | 10,307 | 10,937 | 11,326 | 9,915 |
| United Kingdom | 97,513 | 104,548 | 105,266 | 104,858 | 103,672 | 98,512 | 94,149 | 85,974 | 99,312 |
| Ireland | 5,677 | 15,085 | 18,751 | 19,430 | 19,706 | 19,796 | 20,134 | 18,234 | 17,102 |
| Netherlands | 109,833 | 119,692 | 141,256 | 160,788 | 191,869 | 202,246 | 188,888 | 166,538 | 160,139 |
| Bulgaria | 31,459 | 76,758 | 102,964 | 127,659 | 123,164 | 136,232 | 155,175 | 135,293 | 111,088 |
| Czech Republic | 8,048 | 9,662 | 11,979 | 18,254 | 31,047 | 40,801 | 44,711 | 35,916 | 25,052 |
| Estonia | 14,878 | 23,130 | 23,599 | 25,903 | 27,596 | 29,464 | 30,655 | 29,800 | 25,628 |
| Hungary | 5,897 | 6,902 | 8,910 | 10,637 | 10,660 | 9,146 | 8,161 | 6,676 | 8,374 |
| Latvia | 2,399 | 2,837 | 3,380 | 4,076 | 4,518 | 4,983 | 5,055 | 4,542 | 3,974 |
| Lithuania | 2,622 | 3,043 | 3,439 | 4,276 | 5,943 | 6,532 | 6,544 | 6,282 | 4,835 |
| Poland | | | | 21,950 | 23,142 | 25,118 | 27,485 | | 24,424 |
| Slovak Republic | | | 1,910 | 2,514 | 3,232 | 4,003 | 5,167 | 6,238 | 3,844 |
| Slovenia | | | | | 7,139 | 8,071 | 7,184 | | 7,465 |
| Romania | | | | | 245,789 | 298,221 | 335,298 | | 293,103 |
| Russian Federation | | 76,947 | 86,799 | 99,023 | 102,487 | 293,887 | 300,192 | | 159,889 |
| Croatia | 17,971 | 18,956 | 19,195 | 19,244 | 19,351 | 18,934 | 18,546 | 18,173 | 18,796 |
| Ukraine | | 6,004 | 16,040 | 191,813 | 225,581 | 255,996 | 280,557 | | 162,665 |
| Iceland | | 611 | 663 | 826 | 1,379 | 1,897 | 2,044 | 1,899 | 1,331 |
| Norway | | 82,983 | 84,654 | 85,447 | 87,815 | 91,297 | 83,312 | 49,569 | 80,725 |
| Switzerland | 19,448 | 20,281 | 21,928 | 23,011 | 23,162 | 24,181 | 25,017 | 25,281 | 22,789 |
| TOTAL | 1,894,243 | 2,415,679 | 2,832,162 | 3,317,699 | 3,785,953 | 4,113,601 | 4,131,465 | 2,882,080 | 3,463,533 |

I.A.2. PERCENTAGE OF CONTINUING ENTERPRISES IN AMADEUS SAMPLE BY COUNTRY. 1999-2006

| Country | 1999 | 2000 | 2001 | 2002 | 2003 | 2004 | 2005 | 2006 | time average | ratio of time averages |
|--------------------|------|------|------|------|-------|-------|-------|-------|--------------|------------------------|
| Austria | 95.5 | 95.1 | 97.4 | 96.9 | 93.8 | 93.3 | 94.5 | 96.2 | 95.4 | 95.2 |
| Belgium | 96.2 | 96.4 | 96.5 | 96.8 | 97.0 | 97.0 | 96.9 | 97.7 | 96.8 | 96.8 |
| Denmark | 92.6 | 92.5 | 92.8 | 93.1 | 93.4 | 92.8 | 92.5 | 93.6 | 92.9 | 92.9 |
| Finland | 95.4 | 96.3 | 96.7 | 96.5 | 95.5 | 95.7 | 95.8 | 97.6 | 96.2 | 96.2 |
| Greece | 95.1 | 94.0 | 94.8 | 95.5 | 95.2 | 96.1 | 96.5 | 97.5 | 95.6 | 95.6 |
| France | 94.9 | 91.5 | 92.9 | 94.4 | 93.9 | 93.0 | 93.4 | 97.5 | 93.9 | 94.0 |
| Germany | 94.5 | 94.5 | 96.5 | 96.4 | 96.8 | 97.0 | 96.9 | 96.0 | 96.1 | 96.2 |
| Italy | 96.1 | 94.3 | 92.7 | 89.0 | 99.4 | 97.0 | 97.8 | 99.2 | 95.7 | 95.7 |
| Spain | 91.2 | 92.4 | 89.8 | 90.2 | 93.6 | 93.9 | 94.4 | 100.0 | 93.2 | 93.5 |
| Sweden | 95.4 | 94.3 | 94.3 | 95.1 | 95.3 | 95.2 | 95.1 | 95.5 | 95.0 | 95.0 |
| Portugal | 99.7 | 99.5 | 99.7 | 99.6 | 99.5 | 99.6 | 99.7 | 99.9 | 99.6 | 99.6 |
| United Kingdom | 91.7 | 93.6 | 94.3 | 95.0 | 94.7 | 94.8 | 95.4 | 98.0 | 94.7 | 94.6 |
| Ireland | 72.5 | 90.9 | 94.6 | 95.9 | 96.1 | 96.4 | 96.6 | 99.1 | 92.8 | 94.8 |
| Netherlands | 97.5 | 96.5 | 96.3 | 92.8 | 95.8 | 96.5 | 96.4 | 99.6 | 96.4 | 96.4 |
| Bulgaria | 97.9 | 99.2 | 99.4 | 99.5 | 99.5 | 99.5 | 99.8 | 99.9 | 99.3 | 99.5 |
| Czech Republic | 91.8 | 92.8 | 90.2 | 82.8 | 95.9 | 94.9 | 96.5 | 99.4 | 93.0 | 94.6 |
| Estonia | 70.2 | 91.5 | 92.0 | 92.5 | 92.6 | 92.0 | 92.3 | 96.0 | 89.9 | 91.1 |
| Hungary | 98.4 | 99.6 | 99.2 | 96.6 | 99.9 | 99.8 | 99.8 | 99.7 | 99.1 | 99.1 |
| Latvia | 94.4 | 94.6 | 93.1 | 94.1 | 94.4 | 94.7 | 91.7 | 98.6 | 94.5 | 94.5 |
| Lithuania | 88.6 | 92.7 | 91.0 | 84.4 | 88.5 | 90.2 | 90.6 | 98.5 | 90.6 | 90.9 |
| Poland | | | | 94.7 | 97.2 | 95.2 | 97.9 | | 96.2 | 96.3 |
| Slovak Republic | | | 94.6 | 95.2 | 98.8 | 99.3 | 90.4 | 98.4 | 96.1 | 96.2 |
| Slovenia | | | | | 100.0 | 100.0 | 100.0 | | 100.0 | 100.0 |
| Romania | | | | | 86.9 | 84.6 | 89.8 | | 87.1 | 87.2 |
| Russian Federation | | 99.1 | 99.0 | 99.1 | 99.9 | 100.0 | 100.0 | | 99.5 | 99.7 |
| Croatia | 99.4 | 98.6 | 98.7 | 98.4 | 98.5 | 98.6 | 98.8 | 97.4 | 98.5 | 98.5 |
| Ukraine | | 89.0 | 91.0 | 99.8 | 99.7 | 99.8 | 99.9 | | 96.5 | 99.6 |
| Iceland | | 98.2 | 93.1 | 86.1 | 92.2 | 94.5 | 95.3 | 99.9 | 94.2 | 94.8 |
| Norway | | 92.6 | 93.6 | 93.8 | 93.3 | 93.7 | 96.5 | 98.7 | 94.6 | 94.3 |
| Switzerland | 99.4 | 99.0 | 98.5 | 98.9 | 99.3 | 99.5 | 99.3 | 98.7 | 99.1 | 99.1 |
| country average | 93.1 | 95.0 | 94.9 | 94.4 | 95.9 | 95.8 | 96.0 | 98.1 | 95.4 | 95.0 |
| ratio of totals | 94.4 | 94.2 | 94.5 | 94.7 | 95.4 | 95.1 | 95.7 | 97.8 | 95.2 | |

I.A.3. PERCENTAGE OF CONTINUING EMPLOYMENT CREATOR ENTERPRISES IN AMADEUS SAMPLE BY COUNTRY. 1999-2006

| Country | 1999 | 2000 | 2001 | 2002 | 2003 | 2004 | 2005 | 2006 | time average | ratio of time averages |
|--------------------|------|------|------|------|------|------|------|------|--------------|------------------------|
| Austria | 14.8 | 12.4 | 8.3 | 13.0 | 15.2 | 15.2 | 19.5 | 20.5 | 14.9 | 15.3 |
| Belgium | 25.0 | 26.3 | 26.1 | 23.6 | 22.4 | 23.3 | 24.3 | 40.0 | 26.4 | 26.4 |
| Denmark | 27.6 | 26.6 | 25.5 | 25.0 | 24.0 | 24.4 | 26.4 | 29.5 | 26.1 | 26.1 |
| Finland | 29.6 | 26.0 | 23.4 | 21.7 | 21.0 | 20.5 | 21.1 | 23.7 | 23.4 | 22.8 |
| Greece | 5.9 | 8.7 | 0.9 | 1.1 | 0.9 | 1.3 | 1.5 | 1.0 | 2.7 | 2.6 |
| France | 28.5 | 28.5 | 23.8 | 22.5 | 21.3 | 24.2 | 22.1 | 20.3 | 23.9 | 23.3 |
| Germany | 18.1 | 12.9 | 8.8 | 10.0 | 13.1 | 12.4 | 13.1 | 14.3 | 12.8 | 12.7 |
| Italy | 39.1 | 46.7 | 48.4 | 40.7 | 36.4 | 21.2 | 34.6 | 36.8 | 38.0 | 37.4 |
| Spain | 35.3 | 33.9 | 30.4 | 28.4 | 28.9 | 28.4 | 30.1 | 32.5 | 31.0 | 30.5 |
| Sweden | 21.0 | 21.1 | 19.7 | 18.2 | 17.6 | 17.8 | 19.3 | 21.1 | 19.5 | 19.4 |
| Portugal | 30.4 | 31.9 | 29.7 | 32.4 | 26.4 | 36.4 | 23.9 | 41.9 | 31.6 | 31.8 |
| United Kingdom | 36.7 | 36.5 | 36.6 | 35.2 | 34.5 | 36.2 | 37.2 | 38.7 | 36.5 | 36.4 |
| Ireland | 16.5 | 5.9 | 2.2 | 0.7 | 0.7 | 2.5 | 3.3 | 2.4 | 4.3 | 3.0 |
| Netherlands | 25.6 | 25.3 | 16.8 | 12.9 | 12.7 | 12.7 | 11.9 | 9.2 | 15.9 | 14.9 |
| Bulgaria | 38.0 | 34.1 | 31.8 | 27.1 | 27.2 | 54.3 | 12.1 | 52.5 | 34.6 | 34.1 |
| Czech Republic | 9.5 | 10.6 | 10.5 | 4.6 | 2.8 | 19.3 | 9.3 | 12.0 | 9.8 | 10.5 |
| Estonia | 18.0 | 21.5 | 27.2 | 27.4 | 26.1 | 24.9 | 26.0 | 27.8 | 24.9 | 25.3 |
| Hungary | 36.9 | 31.8 | 23.8 | 26.6 | 65.8 | 64.0 | 62.4 | 61.4 | 46.6 | 46.9 |
| Latvia | 54.8 | 52.1 | 51.3 | 51.2 | 55.2 | 53.7 | 53.1 | 55.2 | 53.3 | 53.4 |
| Lithuania | 41.6 | 44.0 | 48.2 | 51.6 | 49.2 | 56.6 | 28.8 | 41.2 | 45.1 | 44.9 |
| Poland | | | | 27.4 | 25.2 | 23.2 | 22.6 | | 24.6 | 24.5 |
| Slovak Republic | | | 5.6 | 7.3 | 6.1 | 4.2 | 19.0 | 6.9 | 8.2 | 9.0 |
| Slovenia | | | | | 29.8 | 44.6 | 39.2 | | 37.9 | 38.1 |
| Romania | | | | | 27.3 | 24.4 | 26.0 | | 25.9 | 25.8 |
| Russian Federation | | 39.6 | 35.6 | 34.3 | 34.7 | 49.5 | 61.8 | | 42.6 | 48.1 |
| Croatia | 31.8 | 31.3 | 35.7 | 41.7 | 36.3 | 34.1 | 33.7 | 33.4 | 34.8 | 34.8 |
| Ukraine | | 24.4 | 27.1 | 33.8 | 30.0 | 23.0 | 27.9 | | 27.7 | 28.2 |
| Iceland | | 46.0 | 35.1 | 21.4 | 20.1 | 21.4 | 23.7 | 26.4 | 27.7 | 25.3 |
| Norway | | 20.3 | 19.1 | 17.8 | 26.3 | 20.0 | 15.8 | 28.5 | 21.1 | 20.7 |
| Switzerland | 7.6 | 8.1 | 8.7 | 7.6 | 7.3 | 9.7 | 5.9 | 6.6 | 7.7 | 7.7 |
| country average | 26.9 | 27.2 | 24.5 | 23.8 | 24.8 | 26.8 | 25.2 | 27.4 | 25.8 | 24.5 |
| ratio of totals | 26.2 | 25.4 | 22.7 | 22.4 | 23.0 | 24.4 | 24.9 | 24.5 | 24.2 | |

I.A.4. PERCENTAGE OF CONTINUING EMPLOYMENT DESTROYER ENTERPRISES IN AMADEUS SAMPLE BY COUNTRY. 1999-2006

| Country | 1999 | 2000 | 2001 | 2002 | 2003 | 2004 | 2005 | 2006 | time average | ratio of time averages |
|--------------------|------|------|------|------|------|------|------|------|--------------|------------------------|
| Austria | 10.5 | 8.4 | 6.0 | 10.7 | 13.2 | 11.6 | 14.0 | 13.6 | 11.0 | 11.3 |
| Belgium | 17.4 | 17.4 | 18.0 | 19.7 | 20.6 | 19.5 | 19.6 | 12.5 | 18.1 | 18.1 |
| Denmark | 19.9 | 21.1 | 22.0 | 23.3 | 23.2 | 21.1 | 19.5 | 17.3 | 20.9 | 20.9 |
| Finland | 17.9 | 16.1 | 17.0 | 18.3 | 17.2 | 15.2 | 15.5 | 15.0 | 16.5 | 16.4 |
| Greece | 8.2 | 4.1 | 0.5 | 0.5 | 0.4 | 0.6 | 0.7 | 0.5 | 2.0 | 1.8 |
| France | 21.8 | 19.3 | 18.6 | 17.9 | 17.4 | 18.3 | 19.2 | 19.3 | 19.0 | 18.8 |
| Germany | 9.1 | 8.6 | 7.6 | 10.7 | 14.8 | 12.4 | 12.4 | 11.2 | 10.9 | 11.0 |
| Italy | 34.3 | 24.5 | 26.2 | 21.7 | 25.5 | 21.7 | 33.1 | 29.7 | 27.1 | 26.5 |
| Spain | 18.6 | 20.0 | 19.8 | 20.5 | 21.0 | 21.6 | 20.5 | 22.8 | 20.6 | 20.8 |
| Sweden | 13.1 | 13.2 | 14.5 | 15.6 | 15.9 | 15.4 | 14.3 | 13.4 | 14.4 | 14.5 |
| Portugal | 32.3 | 30.5 | 33.9 | 29.4 | 39.3 | 26.6 | 45.7 | 23.9 | 32.7 | 32.7 |
| United Kingdom | 27.1 | 26.7 | 28.8 | 31.2 | 31.7 | 29.6 | 29.0 | 29.7 | 29.2 | 29.2 |
| Ireland | 9.9 | 3.1 | 1.7 | 0.8 | 0.7 | 1.2 | 1.3 | 0.9 | 2.4 | 1.7 |
| Netherlands | 25.1 | 20.7 | 14.8 | 14.4 | 14.9 | 11.7 | 11.4 | 6.9 | 15.0 | 14.2 |
| Bulgaria | 29.4 | 27.7 | 27.6 | 31.6 | 29.6 | 17.2 | 59.8 | 17.7 | 30.1 | 31.0 |
| Czech Republic | 17.5 | 14.6 | 12.3 | 5.8 | 2.9 | 15.8 | 14.6 | 7.7 | 11.4 | 11.0 |
| Estonia | 23.1 | 21.1 | 26.0 | 22.9 | 23.0 | 21.8 | 21.5 | 21.5 | 22.6 | 22.5 |
| Hungary | 29.6 | 33.5 | 51.8 | 47.4 | 14.2 | 16.2 | 18.4 | 20.5 | 28.9 | 29.2 |
| Latvia | 28.1 | 29.2 | 26.1 | 25.8 | 22.5 | 23.4 | 24.8 | 27.6 | 25.9 | 25.5 |
| Lithuania | 39.7 | 39.7 | 32.8 | 24.6 | 26.5 | 24.4 | 50.3 | 13.7 | 31.5 | 30.4 |
| Poland | | | | 37.6 | 22.6 | 17.5 | 13.1 | | 22.7 | 22.0 |
| Slovak Republic | | | 6.1 | 10.7 | 11.3 | 10.7 | 36.5 | 5.5 | 13.4 | 14.8 |
| Slovenia | | | | | 29.7 | 17.9 | 22.2 | | 23.3 | 23.0 |
| Romania | | | | | 21.1 | 18.4 | 18.0 | | 19.2 | 19.0 |
| Russian Federation | | 47.7 | 49.4 | 52.9 | 53.8 | 29.5 | 25.2 | | 43.1 | 36.4 |
| Croatia | 20.5 | 21.6 | 18.7 | 17.7 | 20.8 | 22.3 | 24.2 | 23.5 | 21.1 | 21.1 |
| Ukraine | | 62.1 | 61.8 | 36.4 | 38.7 | 34.4 | 35.2 | | 44.8 | 36.6 |
| Iceland | | 15.9 | 25.6 | 26.0 | 20.5 | 16.6 | 15.7 | 12.2 | 18.9 | 17.5 |
| Norway | | 16.3 | 16.3 | 17.4 | 21.2 | 13.0 | 13.0 | 21.9 | 17.0 | 16.7 |
| Switzerland | 4.4 | 5.0 | 6.5 | 7.4 | 8.2 | 6.0 | 4.2 | 3.6 | 5.7 | 5.7 |
| country average | 20.8 | 21.8 | 21.9 | 21.4 | 20.8 | 17.7 | 21.8 | 15.7 | 20.2 | 19.6 |
| ratio of totals | 18.0 | 17.8 | 17.7 | 19.8 | 21.0 | 19.1 | 21.0 | 16.9 | 18.9 | |

I.A.5. PERCENTAGE OF CONTINUING EMPLOYMENT STABLE ENTERPRISES IN AMADEUS SAMPLE BY COUNTRY. 1999-2006

| Country | 1999 | 2000 | 2001 | 2002 | 2003 | 2004 | 2005 | 2006 | time average | ratio of time averages |
|--------------------|------|------|------|------|------|------|------|------|--------------|------------------------|
| Austria | 70.2 | 74.4 | 83.1 | 73.2 | 65.4 | 66.6 | 61.0 | 62.0 | 69.5 | 68.7 |
| Belgium | 53.7 | 52.7 | 52.4 | 53.5 | 54.0 | 54.2 | 53.0 | 45.2 | 52.3 | 52.3 |
| Denmark | 45.1 | 44.8 | 45.2 | 44.8 | 46.2 | 47.3 | 46.6 | 46.8 | 45.9 | 45.9 |
| Finland | 47.9 | 54.3 | 56.3 | 56.5 | 57.3 | 59.9 | 59.1 | 58.9 | 56.3 | 57.0 |
| Greece | 81.0 | 81.3 | 93.4 | 93.9 | 93.8 | 94.1 | 94.3 | 96.1 | 91.0 | 91.2 |
| France | 44.5 | 43.7 | 50.5 | 54.0 | 55.2 | 50.5 | 52.0 | 57.9 | 51.0 | 51.9 |
| Germany | 67.3 | 72.9 | 80.1 | 75.7 | 68.9 | 72.1 | 71.4 | 70.6 | 72.4 | 72.5 |
| Italy | 22.7 | 23.0 | 18.1 | 26.6 | 37.5 | 54.1 | 30.2 | 32.8 | 30.6 | 31.8 |
| Spain | 37.4 | 38.6 | 39.6 | 41.4 | 43.7 | 43.9 | 43.8 | 44.7 | 41.6 | 42.2 |
| Sweden | 61.3 | 60.0 | 60.1 | 61.3 | 61.8 | 62.0 | 61.5 | 61.0 | 61.1 | 61.2 |
| Portugal | 37.0 | 37.1 | 36.1 | 37.8 | 33.7 | 36.6 | 30.1 | 34.1 | 35.3 | 35.2 |
| United Kingdom | 27.8 | 30.3 | 28.9 | 28.6 | 28.4 | 29.0 | 29.3 | 29.6 | 29.0 | 29.0 |
| Ireland | 46.2 | 81.9 | 90.8 | 94.4 | 94.7 | 92.7 | 92.0 | 95.8 | 86.1 | 90.2 |
| Netherlands | 46.7 | 50.5 | 64.7 | 65.4 | 68.2 | 72.1 | 73.0 | 83.6 | 65.5 | 67.3 |
| Bulgaria | 30.5 | 37.3 | 39.9 | 40.8 | 42.7 | 28.0 | 27.9 | 29.7 | 34.6 | 34.4 |
| Czech Republic | 64.8 | 67.7 | 67.4 | 72.5 | 90.2 | 59.7 | 72.5 | 79.7 | 71.8 | 73.1 |
| Estonia | 29.0 | 49.0 | 38.8 | 42.2 | 43.6 | 45.3 | 44.8 | 46.7 | 42.4 | 43.3 |
| Hungary | 31.9 | 34.4 | 23.6 | 22.6 | 19.9 | 19.6 | 19.0 | 17.8 | 23.6 | 23.0 |
| Latvia | 11.6 | 13.3 | 15.7 | 17.2 | 16.8 | 17.7 | 13.8 | 15.8 | 15.2 | 15.5 |
| Lithuania | 7.3 | 9.1 | 10.0 | 8.2 | 12.9 | 9.2 | 11.4 | 43.6 | 14.0 | 15.6 |
| Poland | | | | 29.7 | 49.4 | 54.4 | 62.2 | | 48.9 | 49.8 |
| Slovak Republic | | | 82.9 | 77.2 | 81.4 | 84.4 | 35.0 | 86.0 | 74.5 | 72.4 |
| Slovenia | | | | | 40.5 | 37.5 | 38.6 | | 38.9 | 38.8 |
| Romania | | | | | 38.5 | 41.9 | 45.7 | | 42.0 | 42.4 |
| Russian Federation | | 11.8 | 14.0 | 11.9 | 11.4 | 21.0 | 13.0 | | 13.8 | 15.1 |
| Croatia | 47.1 | 45.7 | 44.2 | 39.0 | 41.4 | 42.3 | 40.9 | 40.5 | 42.6 | 42.6 |
| Ukraine | | 2.4 | 2.1 | 29.6 | 30.9 | 42.4 | 36.7 | | 24.0 | 34.7 |
| Iceland | | 36.3 | 32.3 | 38.6 | 51.6 | 56.5 | 55.9 | 61.3 | 47.5 | 52.0 |
| Norway | | 56.0 | 58.2 | 58.5 | 45.9 | 60.7 | 67.7 | 48.2 | 56.5 | 57.0 |
| Switzerland | 87.3 | 86.0 | 83.4 | 83.9 | 83.9 | 83.8 | 89.2 | 88.4 | 85.7 | 85.8 |
| country average | 45.4 | 45.9 | 48.6 | 49.3 | 50.3 | 51.3 | 49.1 | 55.1 | 49.4 | 50.9 |
| ratio of totals | 50.1 | 51.0 | 54.1 | 52.4 | 51.4 | 51.7 | 49.8 | 56.4 | 52.1 | |

I.A.6. PERCENTAGE OF ENTERING ENTERPRISES IN AMADEUS SAMPLE BY COUNTRY. 1999-2006

| Country | 1999 | 2000 | 2001 | 2002 | 2003 | 2004 | 2005 | 2006 | time average | ratio of time averages |
|--------------------|------|------|------|------|------|------|------|------|--------------|------------------------|
| Austria | 4.5 | 4.9 | 2.6 | 3.1 | 6.2 | 6.7 | 5.5 | 3.8 | 4.6 | 4.8 |
| Belgium | 3.8 | 3.6 | 3.5 | 3.2 | 3.0 | 3.0 | 3.1 | 2.3 | 3.2 | 3.2 |
| Denmark | 7.4 | 7.5 | 7.2 | 6.9 | 6.6 | 7.2 | 7.5 | 6.4 | 7.1 | 7.1 |
| Finland | 4.6 | 3.7 | 3.3 | 3.5 | 4.5 | 4.3 | 4.2 | 2.4 | 3.8 | 3.8 |
| Greece | 4.9 | 6.0 | 5.2 | 4.5 | 4.8 | 3.9 | 3.5 | 2.5 | 4.4 | 4.4 |
| France | 5.1 | 8.5 | 7.1 | 5.6 | 6.1 | 7.0 | 6.6 | 2.5 | 6.1 | 6.0 |
| Germany | 5.5 | 5.5 | 3.5 | 3.6 | 3.2 | 3.0 | 3.1 | 4.0 | 3.9 | 3.8 |
| Italy | 3.9 | 5.7 | 7.3 | 11.0 | 0.6 | 3.0 | 2.2 | 0.8 | 4.3 | 4.3 |
| Spain | 8.8 | 7.6 | 10.2 | 9.8 | 6.4 | 6.1 | 5.6 | 0.0 | 6.8 | 6.5 |
| Sweden | 4.6 | 5.7 | 5.7 | 4.9 | 4.7 | 4.8 | 4.9 | 4.5 | 5.0 | 5.0 |
| Portugal | 0.3 | 0.5 | 0.3 | 0.4 | 0.5 | 0.4 | 0.3 | 0.1 | 0.4 | 0.4 |
| United Kingdom | 8.3 | 6.4 | 5.7 | 5.0 | 5.3 | 5.2 | 4.6 | 2.0 | 5.3 | 5.4 |
| Ireland | 27.5 | 9.1 | 5.4 | 4.1 | 3.9 | 3.6 | 3.4 | 0.9 | 7.2 | 5.2 |
| Netherlands | 2.5 | 3.5 | 3.7 | 7.2 | 4.2 | 3.5 | 3.6 | 0.4 | 3.6 | 3.6 |
| Bulgaria | 2.1 | 0.8 | 0.6 | 0.5 | 0.5 | 0.5 | 0.2 | 0.1 | 0.7 | 0.5 |
| Czech Republic | 8.2 | 7.2 | 9.8 | 17.2 | 4.1 | 5.1 | 3.5 | 0.6 | 7.0 | 5.4 |
| Estonia | 29.8 | 8.5 | 8.0 | 7.5 | 7.4 | 8.0 | 7.7 | 4.0 | 10.1 | 8.9 |
| Hungary | 1.6 | 0.4 | 0.8 | 3.4 | 0.1 | 0.2 | 0.2 | 0.3 | 0.9 | 0.9 |
| Latvia | 5.6 | 5.4 | 6.9 | 5.9 | 5.6 | 5.3 | 8.3 | 1.4 | 5.5 | 5.5 |
| Lithuania | 11.4 | 7.3 | 9.0 | 15.6 | 11.5 | 9.8 | 9.4 | 1.5 | 9.4 | 9.1 |
| Poland | | | | 5.3 | 2.8 | 4.8 | 2.1 | | 3.8 | 3.7 |
| Slovak Republic | | | 5.4 | 4.8 | 1.2 | 0.7 | 9.6 | 1.6 | 3.9 | 3.8 |
| Slovenia | | | | | 0.0 | 0.0 | 0.0 | | 0.0 | 0.0 |
| Romania | | | | | 13.1 | 15.4 | 10.2 | | 12.9 | 12.8 |
| Russian Federation | | 0.9 | 1.0 | 0.9 | 0.1 | 0.0 | 0.0 | | 0.5 | 0.3 |
| Croatia | 0.6 | 1.4 | 1.3 | 1.6 | 1.5 | 1.4 | 1.2 | 2.6 | 1.5 | 1.5 |
| Ukraine | | 11.0 | 9.0 | 0.2 | 0.3 | 0.2 | 0.1 | | 3.5 | 0.4 |
| Iceland | | 1.8 | 6.9 | 13.9 | 7.8 | 5.5 | 4.7 | 0.1 | 5.8 | 5.2 |
| Norway | | 7.4 | 6.4 | 6.2 | 6.7 | 6.3 | 3.5 | 1.3 | 5.4 | 5.7 |
| Switzerland | 0.6 | 1.0 | 1.5 | 1.1 | 0.7 | 0.5 | 0.7 | 1.3 | 0.9 | 0.9 |
| country average | 6.9 | 5.0 | 5.1 | 5.6 | 4.1 | 4.2 | 4.0 | 1.9 | 4.6 | 5.0 |
| ratio of totals | 5.6 | 5.8 | 5.5 | 5.3 | 4.6 | 4.9 | 4.3 | 2.2 | 4.8 | |

I.A.7. PERCENTAGE OF EXITING ENTERPRISES IN AMADEUS SAMPLE BY COUNTRY. 1999-2006

| Country | 1999 | 2000 | 2001 | 2002 | 2003 | 2004 | 2005 | 2006 | time average | ratio of time averages |
|--------------------|------|------|------|------|-------|------|------|------|--------------|------------------------|
| Austria | 1.6 | 2.1 | 2.1 | 7.5 | 5.5 | 5.2 | 14.9 | 18.0 | 7.1 | 7.9 |
| Belgium | 0.0 | 1.4 | 1.9 | 2.3 | 2.2 | 2.0 | 2.2 | 2.5 | 1.8 | 1.8 |
| Denmark | 0.1 | 0.2 | 2.5 | 2.7 | 2.8 | 2.8 | 2.5 | 2.4 | 2.0 | 2.0 |
| Finland | 0.0 | 0.1 | 0.3 | 2.3 | 3.1 | 4.4 | 7.4 | 15.0 | 4.1 | 4.6 |
| Greece | 0.6 | 0.8 | 1.7 | 6.4 | 4.1 | 5.9 | 6.3 | 8.6 | 4.3 | 4.4 |
| France | 0.9 | 1.5 | 2.4 | 3.6 | 3.9 | 4.4 | 5.9 | 9.5 | 4.0 | 4.4 |
| Germany | 0.5 | 0.5 | 1.4 | 5.0 | 4.8 | 8.0 | 9.8 | 17.5 | 5.9 | 6.0 |
| Italy | 3.4 | 2.3 | 1.7 | 1.5 | 3.6 | 5.4 | 5.6 | 3.4 | 3.4 | 3.4 |
| Spain | 2.5 | 2.7 | 3.3 | 2.8 | 5.7 | 7.9 | 7.2 | 20.4 | 6.6 | 7.1 |
| Sweden | 0.1 | 0.3 | 0.6 | 2.1 | 3.3 | 3.4 | 4.0 | 4.0 | 2.2 | 2.3 |
| Portugal | 1.5 | 0.3 | 0.6 | 0.2 | 0.4 | 0.3 | 0.5 | 0.7 | 0.6 | 0.6 |
| United Kingdom | 5.9 | 6.9 | 7.9 | 7.5 | 7.7 | 10.2 | 8.3 | 10.8 | 8.1 | 8.1 |
| Ireland | 0.9 | 0.3 | 0.5 | 1.2 | 2.6 | 3.7 | 4.4 | 15.1 | 3.6 | 3.9 |
| Netherlands | 1.1 | 2.4 | 3.1 | 7.0 | 6.1 | 7.9 | 15.7 | 17.1 | 7.5 | 8.2 |
| Bulgaria | 0.1 | 0.0 | 0.1 | 0.1 | 0.3 | 0.3 | 0.2 | 0.5 | 0.2 | 0.2 |
| Czech Republic | 2.4 | 1.7 | 3.7 | 2.1 | 1.9 | 7.7 | 18.3 | 36.9 | 9.3 | 13.1 |
| Estonia | 0.5 | 0.8 | 3.0 | 2.8 | 3.0 | 2.9 | 2.9 | 5.1 | 2.6 | 2.8 |
| Hungary | 0.0 | 0.8 | 2.0 | 0.6 | 8.2 | 2.0 | 1.0 | 6.3 | 2.6 | 2.8 |
| Latvia | 0.5 | 5.1 | 5.1 | 5.0 | 9.0 | 7.9 | 14.4 | 22.3 | 8.7 | 9.7 |
| Lithuania | 4.7 | 6.8 | 9.2 | 8.5 | 15.4 | 25.1 | 21.9 | 23.1 | 14.4 | 16.7 |
| Poland | | | | 0.0 | 4.6 | 2.7 | 5.7 | | 3.2 | 3.4 |
| Slovak Republic | | | 0.8 | 3.9 | 5.2 | 10.0 | 15.0 | 18.5 | 8.9 | 11.3 |
| Slovenia | | | | | 188.2 | 8.6 | 12.8 | | 69.9 | 67.2 |
| Romania | | | | | 1.4 | 5.2 | 1.7 | | 2.7 | 2.8 |
| Russian Federation | | 0.3 | 1.5 | 1.7 | 2.6 | 1.3 | 1.4 | | 1.5 | 1.5 |
| Croatia | 0.0 | 0.1 | 0.6 | 0.7 | 1.1 | 2.5 | 1.7 | 3.3 | 1.3 | 1.3 |
| Ukraine | | 3.4 | 0.8 | 0.2 | 0.4 | 0.7 | 0.4 | | 1.0 | 0.4 |
| Iceland | | 2.9 | 2.4 | 5.3 | 0.9 | 1.5 | 3.1 | 9.9 | 3.7 | 4.0 |
| Norway | | 0.0 | 4.3 | 4.3 | 4.1 | 3.9 | 4.4 | 64.6 | 12.2 | 8.9 |
| Switzerland | 0.1 | 0.2 | 0.4 | 0.9 | 5.8 | 0.4 | 0.7 | 3.6 | 1.5 | 1.6 |
| country average | 1.2 | 1.7 | 2.4 | 3.2 | 10.3 | 5.1 | 6.7 | 13.6 | 5.5 | 4.7 |
| ratio of totals | 1.3 | 1.4 | 2.2 | 3.4 | 4.2 | 5.1 | 5.9 | 13.1 | 4.6 | |

I.B. EMPLOYEES DISTRIBUTION BY FIRM TYPES IN AMADEUS DATABASE

I.B.1. EMPLOYEES IN AMADEUS SAMPLE BY COUNTRY, 1999-2006

| Country | 1999 | 2000 | 2001 | 2002 | 2003 | 2004 | 2005 | 2006 | time average |
|--------------------|-------------------|--------------------|--------------------|--------------------|--------------------|--------------------|--------------------|--------------------|---------------------|
| Austria | 1,244,606 | 1,432,688 | 1,698,255 | 1,870,058 | 1,971,680 | 2,035,442 | 2,153,553 | 2,049,576 | 1,806,982 |
| Belgium | 2,021,260 | 2,175,202 | 2,329,684 | 2,485,918 | 2,544,992 | 2,550,103 | 2,241,123 | 2,157,969 | 2,313,281 |
| Denmark | 1,845,667 | 2,113,821 | 2,517,792 | 2,532,639 | 2,347,810 | 2,575,671 | 2,674,803 | 2,855,632 | 2,432,979 |
| Finland | 1,292,095 | 1,460,322 | 1,614,383 | 1,680,466 | 1,701,296 | 1,720,194 | 1,738,863 | 1,767,772 | 1,621,924 |
| Greece | 710,722 | 731,957 | 761,373 | 773,862 | 789,199 | 796,155 | 793,525 | 780,317 | 767,139 |
| France | 13,561,730 | 15,449,714 | 17,494,637 | 18,472,853 | 18,548,049 | 18,746,209 | 18,420,665 | 17,153,424 | 17,230,910 |
| Germany | 23,543,358 | 26,277,361 | 28,824,073 | 29,585,969 | 29,762,481 | 28,885,923 | 26,942,480 | 23,198,688 | 27,127,542 |
| Italy | 7,381,553 | 7,893,426 | 8,487,339 | 8,903,332 | 9,136,206 | 8,663,673 | 8,120,340 | 7,883,268 | 8,308,642 |
| Spain | 7,151,417 | 7,437,997 | 7,929,114 | 8,741,711 | 9,430,626 | 10,035,872 | 10,385,702 | 9,884,405 | 8,874,606 |
| Sweden | 3,311,856 | 3,644,620 | 3,973,955 | 4,114,882 | 4,186,056 | 4,172,007 | 4,186,432 | 4,244,177 | 3,979,248 |
| Portugal | 893,305 | 919,916 | 968,376 | 1,021,311 | 1,057,030 | 1,089,595 | 1,040,216 | 1,059,206 | 1,006,119 |
| United Kingdom | 20,115,114 | 22,063,270 | 23,710,991 | 24,304,806 | 24,341,607 | 24,195,599 | 23,621,401 | 22,826,650 | 23,147,430 |
| Ireland | 516,627 | 766,403 | 826,627 | 787,727 | 728,012 | 700,460 | 701,845 | 689,461 | 714,645 |
| Netherlands | 5,965,178 | 6,178,325 | 6,370,806 | 6,512,756 | 6,899,649 | 7,127,271 | 6,965,824 | 6,461,982 | 6,560,224 |
| Bulgaria | 1,379,001 | 1,735,643 | 1,828,255 | 1,933,137 | 1,924,242 | 2,181,686 | 2,362,822 | 1,871,280 | 1,902,008 |
| Czech Republic | 1,439,802 | 1,565,250 | 1,751,865 | 1,951,093 | 2,168,819 | 2,363,108 | 2,426,853 | 2,126,655 | 1,974,181 |
| Estonia | 299,305 | 361,741 | 364,701 | 384,951 | 398,151 | 414,404 | 428,524 | 408,548 | 382,541 |
| Hungary | 454,778 | 505,586 | 657,676 | 708,424 | 879,148 | 888,803 | 926,619 | 967,511 | 748,568 |
| Latvia | 259,183 | 272,184 | 287,131 | 306,873 | 325,327 | 349,416 | 366,421 | 360,540 | 315,884 |
| Lithuania | 347,181 | 367,427 | 388,231 | 426,623 | 515,328 | 489,267 | 402,241 | 361,888 | 412,273 |
| Poland | | | | 3,614,162 | 3,701,024 | 3,736,823 | 3,849,184 | | 3,725,298 |
| Slovak Republic | | | 461,435 | 533,906 | 591,626 | 641,009 | 630,255 | 576,055 | 572,381 |
| Slovenia | | | | | 365,106 | 371,394 | 355,300 | | 363,933 |
| Romania | | | | | 3,735,144 | 3,831,277 | 3,907,528 | | 3,824,650 |
| Russian Federation | | 25,267,677 | 29,342,275 | 28,285,495 | 23,198,505 | 17,073,021 | 14,909,231 | | 23,012,701 |
| Croatia | 596,053 | 615,548 | 633,452 | 659,575 | 679,635 | 691,766 | 699,102 | 697,724 | 659,107 |
| Ukraine | | 4,018,367 | 6,399,067 | 9,725,414 | 9,771,485 | 9,502,857 | 9,178,409 | | 8,099,267 |
| Iceland | | 47,545 | 51,296 | 41,261 | 20,695 | 24,786 | 28,813 | 31,458 | 35,122 |
| Norway | | 1,103,394 | 1,131,116 | 1,147,366 | 1,171,615 | 1,199,059 | 1,217,669 | 1,170,547 | 1,162,967 |
| Switzerland | 3,073,157 | 3,353,341 | 3,554,867 | 3,614,406 | 3,726,740 | 3,865,757 | 3,871,271 | 3,948,702 | 3,626,030 |
| TOTAL | 97,402,948 | 137,758,725 | 154,358,772 | 165,120,976 | 166,617,283 | 160,918,607 | 155,547,014 | 115,533,435 | 156,708,582 |

I.B.2. PROPORTION OF CONTINUING FIRMS EMPLOYEES IN TOTAL EMPLOYEES IN AMADEUS SAMPLE BY COUNTRY. 1999-2006

| Country | 1999 | 2000 | 2001 | 2002 | 2003 | 2004 | 2005 | 2006 | time average | ratio of time averages |
|--------------------|------|------|------|------|------|------|------|------|--------------|------------------------|
| Austria | 95.6 | 97.4 | 98.5 | 96.8 | 97.5 | 97.9 | 94.8 | 94.9 | 96.7 | 96.6 |
| Belgium | 98.5 | 98.7 | 98.3 | 98.5 | 98.4 | 98.4 | 96.3 | 93.9 | 97.6 | 97.7 |
| Denmark | 96.0 | 97.8 | 97.9 | 93.2 | 97.9 | 97.8 | 97.7 | 98.7 | 97.1 | 97.2 |
| Finland | 97.1 | 99.0 | 98.6 | 98.0 | 97.1 | 96.2 | 95.4 | 97.2 | 97.3 | 97.3 |
| Greece | 98.8 | 98.6 | 98.4 | 97.5 | 97.4 | 96.8 | 97.4 | 96.8 | 97.7 | 97.7 |
| France | 99.3 | 98.8 | 98.1 | 98.3 | 98.3 | 97.9 | 96.0 | 94.4 | 97.6 | 97.6 |
| Germany | 98.1 | 98.4 | 98.3 | 98.1 | 95.8 | 95.2 | 94.5 | 89.6 | 96.0 | 96.1 |
| Italy | 98.0 | 97.6 | 96.9 | 97.8 | 96.1 | 95.8 | 96.3 | 96.4 | 96.9 | 96.8 |
| Spain | 97.6 | 97.5 | 96.9 | 97.4 | 97.6 | 96.9 | 96.0 | 94.0 | 96.7 | 96.6 |
| Sweden | 98.4 | 98.2 | 97.9 | 97.9 | 98.1 | 97.9 | 95.8 | 96.2 | 97.5 | 97.5 |
| Portugal | 99.7 | 99.7 | 99.4 | 99.7 | 99.0 | 99.6 | 98.5 | 98.0 | 99.2 | 99.2 |
| United Kingdom | 96.3 | 95.8 | 95.9 | 97.2 | 97.0 | 96.7 | 97.2 | 96.9 | 96.6 | 96.6 |
| Ireland | 95.8 | 97.9 | 97.6 | 95.2 | 97.1 | 94.9 | 96.4 | 93.4 | 96.0 | 96.1 |
| Netherlands | 97.2 | 97.6 | 97.3 | 96.5 | 97.4 | 96.8 | 95.5 | 96.1 | 96.8 | 96.8 |
| Bulgaria | 98.6 | 99.1 | 99.5 | 99.6 | 99.5 | 99.1 | 99.7 | 98.8 | 99.2 | 99.3 |
| Czech Republic | 96.7 | 97.7 | 96.9 | 97.1 | 98.1 | 96.9 | 95.5 | 90.3 | 96.1 | 96.0 |
| Estonia | 94.5 | 97.5 | 96.7 | 96.3 | 97.4 | 97.3 | 97.3 | 96.7 | 96.7 | 96.8 |
| Hungary | 99.7 | 99.7 | 99.2 | 98.7 | 98.8 | 98.6 | 98.7 | 98.5 | 99.0 | 98.9 |
| Latvia | 99.1 | 97.9 | 97.4 | 97.8 | 96.8 | 97.9 | 94.0 | 95.5 | 97.1 | 96.9 |
| Lithuania | 97.7 | 96.7 | 96.4 | 95.1 | 91.4 | 86.1 | 93.7 | 93.7 | 93.9 | 93.5 |
| Poland | | | | 99.1 | 97.3 | 98.0 | 97.1 | | 97.9 | 97.9 |
| Slovak Republic | | | 97.5 | 95.6 | 98.6 | 96.7 | 90.8 | 88.0 | 94.5 | 94.4 |
| Slovenia | | | | | 91.3 | 97.9 | 95.1 | | 94.7 | 94.7 |
| Romania | | | | | 97.8 | 94.9 | 97.2 | | 96.6 | 96.6 |
| Russian Federation | | 99.6 | 99.1 | 97.9 | 97.1 | 89.7 | 98.9 | | 97.0 | 97.4 |
| Croatia | 99.5 | 99.3 | 98.8 | 97.7 | 98.9 | 98.2 | 99.3 | 92.3 | 98.0 | 97.9 |
| Ukraine | | 96.7 | 99.3 | 99.3 | 97.7 | 98.1 | 99.2 | | 98.4 | 98.5 |
| Iceland | | 98.5 | 98.2 | 93.4 | 95.7 | 98.4 | 98.7 | 96.4 | 97.1 | 97.1 |
| Norway | | 97.6 | 94.8 | 95.4 | 96.7 | 96.0 | 96.1 | 92.7 | 95.6 | 95.6 |
| Switzerland | 99.5 | 99.5 | 97.2 | 99.3 | 99.1 | 98.9 | 98.6 | 97.2 | 98.7 | 98.6 |
| country average | 97.8 | 98.2 | 97.8 | 97.3 | 97.2 | 96.7 | 96.6 | 95.1 | 97.1 | 97.0 |
| ratio of totals | 97.8 | 98.1 | 97.9 | 97.8 | 97.2 | 96.0 | 96.6 | 94.5 | 97.0 | |

I.B.3. PROPORTION OF CONTINUING EMPLOYMENT CREATOR FIRMS EMPLOYEES IN TOTAL EMPLOYEES IN AMADEUS SAMPLE BY COUNTRY. 1999-2006

| Country | 1999 | 2000 | 2001 | 2002 | 2003 | 2004 | 2005 | 2006 | time average | ratio of time averages |
|--------------------|------|------|------|------|------|------|------|------|--------------|------------------------|
| Austria | 31.8 | 25.2 | 20.0 | 27.7 | 29.9 | 28.3 | 35.1 | 30.4 | 28.6 | 28.8 |
| Belgium | 54.1 | 57.0 | 55.0 | 38.3 | 47.4 | 43.6 | 49.1 | 51.8 | 49.5 | 49.2 |
| Denmark | 59.4 | 59.7 | 58.1 | 41.8 | 45.6 | 58.1 | 63.5 | 72.9 | 57.4 | 57.7 |
| Finland | 53.1 | 56.7 | 56.0 | 49.9 | 46.2 | 41.0 | 49.5 | 55.7 | 51.0 | 50.8 |
| Greece | 6.1 | 8.4 | 1.0 | 1.6 | 2.0 | 1.9 | 3.8 | 0.9 | 3.2 | 3.2 |
| France | 64.9 | 66.1 | 57.9 | 53.9 | 42.2 | 44.5 | 46.9 | 47.1 | 52.9 | 52.2 |
| Germany | 42.3 | 38.3 | 34.4 | 31.8 | 34.3 | 32.0 | 37.0 | 37.3 | 35.9 | 35.7 |
| Italy | 50.3 | 55.4 | 49.4 | 51.8 | 48.2 | 39.8 | 50.4 | 54.4 | 49.9 | 49.8 |
| Spain | 56.7 | 55.7 | 54.8 | 51.1 | 51.3 | 54.0 | 56.1 | 55.0 | 54.3 | 54.3 |
| Sweden | 51.2 | 54.8 | 56.3 | 39.1 | 46.0 | 40.4 | 50.7 | 53.5 | 49.0 | 48.8 |
| Portugal | 54.2 | 44.4 | 56.2 | 44.8 | 50.3 | 51.2 | 47.7 | 52.2 | 50.1 | 50.1 |
| United Kingdom | 52.0 | 56.6 | 52.3 | 46.1 | 49.5 | 48.9 | 51.3 | 52.9 | 51.2 | 51.1 |
| Ireland | 48.0 | 34.8 | 26.2 | 16.4 | 16.1 | 21.0 | 23.2 | 23.6 | 26.2 | 25.4 |
| Netherlands | 56.0 | 54.7 | 48.1 | 38.9 | 40.2 | 39.8 | 40.8 | 51.2 | 46.2 | 45.9 |
| Bulgaria | 34.8 | 38.5 | 41.1 | 44.3 | 39.5 | 60.8 | 23.8 | 59.1 | 42.7 | 42.8 |
| Czech Republic | 10.2 | 9.6 | 12.6 | 4.9 | 6.7 | 23.9 | 18.0 | 14.3 | 12.5 | 13.1 |
| Estonia | 28.9 | 33.2 | 37.5 | 42.0 | 42.2 | 44.9 | 45.2 | 46.2 | 40.0 | 40.6 |
| Hungary | 44.4 | 39.9 | 33.0 | 30.3 | 61.6 | 59.0 | 56.1 | 52.7 | 47.1 | 48.9 |
| Latvia | 55.3 | 40.3 | 47.3 | 49.6 | 64.7 | 53.4 | 48.1 | 51.2 | 51.2 | 51.4 |
| Lithuania | 37.7 | 37.3 | 44.7 | 47.5 | 46.3 | 48.1 | 21.7 | 32.3 | 39.4 | 40.1 |
| Poland | | | | 29.3 | 24.0 | 25.5 | 26.2 | | 26.2 | 26.2 |
| Slovak Republic | | | 10.1 | 5.6 | 9.0 | 4.9 | 15.6 | 7.7 | 8.8 | 8.9 |
| Slovenia | | | | | 38.2 | 48.7 | 45.4 | | 44.1 | 44.1 |
| Romania | | | | | 38.8 | 38.6 | 41.3 | | 39.5 | 39.6 |
| Russian Federation | | 51.4 | 40.2 | 37.4 | 39.1 | 44.4 | 66.7 | | 46.5 | 44.9 |
| Croatia | 35.5 | 44.4 | 51.3 | 56.6 | 50.8 | 45.7 | 50.5 | 49.1 | 48.0 | 48.2 |
| Ukraine | | 34.4 | 40.4 | 38.9 | 37.0 | 35.4 | 43.4 | | 38.2 | 38.5 |
| Iceland | | 58.8 | 48.3 | 50.7 | 50.6 | 59.5 | 69.5 | 70.4 | 58.3 | 57.4 |
| Norway | | 38.2 | 34.3 | 32.4 | 38.0 | 43.3 | 33.1 | 44.8 | 37.7 | 37.8 |
| Switzerland | 52.1 | 50.0 | 49.4 | 46.2 | 38.8 | 38.4 | 51.7 | 56.2 | 47.8 | 47.8 |
| country average | 44.5 | 44.0 | 41.3 | 37.5 | 39.1 | 40.6 | 42.0 | 44.9 | 41.8 | 44.4 |
| ratio of totals | 50.4 | 50.3 | 45.1 | 40.8 | 40.7 | 41.2 | 46.5 | 47.8 | 45.3 | |

I.B.4. PROPORTION OF EMPLOYMENT DESTROYER CONTINUING FIRMS EMPLOYEES IN TOTAL EMPLOYEES IN AMADEUS SAMPLE BY COUNTRY. 1999-2006

| Country | 1999 | 2000 | 2001 | 2002 | 2003 | 2004 | 2005 | 2006 | time average | ratio of time averages |
|--------------------|------|------|------|------|------|------|------|------|--------------|------------------------|
| Austria | 27.2 | 21.2 | 18.0 | 18.8 | 29.4 | 26.0 | 23.4 | 24.1 | 23.5 | 23.6 |
| Belgium | 33.7 | 32.0 | 34.1 | 51.0 | 42.0 | 45.4 | 36.5 | 32.3 | 38.4 | 38.8 |
| Denmark | 28.5 | 31.4 | 33.3 | 43.1 | 45.8 | 33.4 | 28.3 | 20.3 | 33.0 | 32.8 |
| Finland | 37.4 | 34.2 | 34.1 | 39.5 | 41.4 | 45.0 | 36.1 | 33.0 | 37.6 | 37.6 |
| Greece | 7.2 | 4.5 | 0.5 | 0.5 | 0.4 | 0.7 | 0.4 | 0.6 | 1.8 | 1.8 |
| France | 26.7 | 24.2 | 27.5 | 31.7 | 41.8 | 35.9 | 29.4 | 28.7 | 30.7 | 31.1 |
| Germany | 23.0 | 26.1 | 22.6 | 32.1 | 35.5 | 36.5 | 31.9 | 26.8 | 29.3 | 29.6 |
| Italy | 43.0 | 38.2 | 44.6 | 41.0 | 40.1 | 41.1 | 39.5 | 34.1 | 40.2 | 40.2 |
| Spain | 28.4 | 31.8 | 30.1 | 33.7 | 33.1 | 30.3 | 27.4 | 27.2 | 30.2 | 30.2 |
| Sweden | 36.4 | 33.4 | 31.8 | 49.0 | 42.1 | 47.5 | 34.9 | 31.5 | 38.3 | 38.5 |
| Portugal | 40.1 | 49.8 | 37.9 | 49.5 | 43.8 | 42.8 | 45.1 | 40.5 | 43.7 | 43.7 |
| United Kingdom | 42.5 | 37.4 | 42.0 | 49.1 | 45.8 | 46.2 | 44.1 | 42.5 | 43.7 | 43.8 |
| Ireland | 32.5 | 11.1 | 8.7 | 8.1 | 4.2 | 4.1 | 3.0 | 4.9 | 9.6 | 8.8 |
| Netherlands | 35.9 | 37.2 | 38.6 | 45.2 | 44.6 | 43.1 | 40.6 | 28.2 | 39.2 | 39.3 |
| Bulgaria | 59.9 | 54.4 | 50.9 | 47.1 | 51.6 | 32.0 | 68.9 | 32.2 | 49.6 | 49.5 |
| Czech Republic | 23.7 | 19.1 | 14.8 | 9.6 | 9.7 | 18.0 | 20.7 | 13.3 | 16.1 | 15.9 |
| Estonia | 43.5 | 42.2 | 44.9 | 38.9 | 38.9 | 35.9 | 35.0 | 34.9 | 39.3 | 39.0 |
| Hungary | 43.1 | 46.8 | 56.5 | 62.1 | 30.9 | 33.1 | 35.7 | 39.3 | 43.4 | 42.1 |
| Latvia | 41.0 | 54.7 | 46.8 | 44.5 | 27.5 | 41.1 | 42.5 | 41.1 | 42.4 | 42.1 |
| Lithuania | 58.8 | 57.7 | 49.7 | 45.7 | 42.0 | 36.2 | 68.7 | 15.5 | 46.8 | 46.4 |
| Poland | | | | 49.7 | 27.7 | 24.2 | 19.5 | | 30.3 | 30.0 |
| Slovak Republic | | | 5.9 | 13.2 | 19.7 | 9.8 | 46.0 | 5.0 | 16.6 | 17.3 |
| Slovenia | | | | | 47.8 | 42.3 | 43.6 | | 44.6 | 44.6 |
| Romania | | | | | 51.1 | 46.7 | 45.2 | | 47.7 | 47.6 |
| Russian Federation | | 45.8 | 45.0 | 57.8 | 28.6 | 36.6 | 30.1 | | 40.7 | 42.4 |
| Croatia | 54.3 | 47.1 | 40.3 | 35.1 | 41.1 | 44.7 | 40.6 | 35.8 | 42.4 | 42.2 |
| Ukraine | | 60.4 | 57.9 | 55.5 | 56.4 | 54.0 | 47.3 | | 55.3 | 54.6 |
| Iceland | | 20.8 | 37.8 | 34.3 | 28.4 | 19.9 | 13.1 | 10.6 | 23.6 | 25.0 |
| Norway | | 34.5 | 35.5 | 38.9 | 39.2 | 32.0 | 20.1 | 35.0 | 33.6 | 33.5 |
| Switzerland | 37.2 | 38.2 | 33.8 | 40.0 | 45.7 | 41.8 | 21.8 | 16.3 | 34.4 | 34.1 |
| country average | 36.6 | 35.9 | 34.2 | 38.0 | 35.9 | 34.2 | 34.0 | 26.2 | 34.4 | 37.2 |
| ratio of totals | 32.9 | 35.2 | 35.6 | 42.7 | 38.9 | 38.8 | 34.8 | 30.4 | 36.2 | |

I.B.5. PROPORTION OF STABLE EMPLOYMENT CONTINUING FIRMS EMPLOYEES IN TOTAL EMPLOYEES IN AMADEUS SAMPLE BY COUNTRY. 1999-2006

| Country | 1999 | 2000 | 2001 | 2002 | 2003 | 2004 | 2005 | 2006 | time average | ratio of time averages |
|--------------------|------|------|------|------|------|------|------|------|--------------|------------------------|
| Austria | 36.7 | 50.9 | 60.5 | 50.2 | 38.3 | 43.5 | 36.3 | 40.4 | 44.6 | 44.3 |
| Belgium | 10.7 | 9.7 | 9.2 | 9.2 | 9.1 | 9.4 | 10.6 | 9.8 | 9.7 | 9.7 |
| Denmark | 8.2 | 6.6 | 6.5 | 8.2 | 6.5 | 6.3 | 5.9 | 5.5 | 6.7 | 6.7 |
| Finland | 6.6 | 8.2 | 8.5 | 8.7 | 9.5 | 10.2 | 9.9 | 8.4 | 8.7 | 8.8 |
| Greece | 85.5 | 85.7 | 96.9 | 95.4 | 95.0 | 94.2 | 93.2 | 95.3 | 92.6 | 92.8 |
| France | 7.7 | 8.5 | 12.7 | 12.6 | 14.4 | 17.5 | 19.6 | 18.6 | 14.0 | 14.3 |
| Germany | 32.8 | 34.0 | 41.4 | 34.2 | 25.9 | 26.7 | 25.7 | 25.6 | 30.8 | 30.9 |
| Italy | 4.7 | 4.1 | 2.8 | 5.0 | 7.8 | 15.0 | 6.4 | 7.9 | 6.7 | 6.8 |
| Spain | 12.5 | 10.0 | 12.0 | 12.6 | 13.2 | 12.7 | 12.4 | 11.7 | 12.1 | 12.2 |
| Sweden | 10.9 | 10.0 | 9.8 | 9.8 | 10.0 | 10.0 | 10.1 | 11.2 | 10.2 | 10.2 |
| Portugal | 5.4 | 5.6 | 5.3 | 5.3 | 4.8 | 5.7 | 5.8 | 5.3 | 5.4 | 5.4 |
| United Kingdom | 1.8 | 1.7 | 1.6 | 2.0 | 1.7 | 1.6 | 1.7 | 1.5 | 1.7 | 1.7 |
| Ireland | 15.3 | 52.1 | 62.7 | 70.6 | 76.8 | 69.7 | 70.3 | 64.8 | 60.3 | 61.9 |
| Netherlands | 5.3 | 5.7 | 10.6 | 12.4 | 12.6 | 14.0 | 14.1 | 16.7 | 11.4 | 11.6 |
| Bulgaria | 3.9 | 6.1 | 7.4 | 8.3 | 8.4 | 6.3 | 7.1 | 7.5 | 6.9 | 7.0 |
| Czech Republic | 62.8 | 68.9 | 69.5 | 82.6 | 81.7 | 55.0 | 56.9 | 62.7 | 67.5 | 67.1 |
| Estonia | 22.1 | 22.2 | 14.4 | 15.4 | 16.3 | 16.5 | 17.1 | 15.6 | 17.5 | 17.3 |
| Hungary | 12.2 | 13.0 | 9.6 | 6.3 | 6.3 | 6.5 | 6.9 | 6.4 | 8.4 | 7.8 |
| Latvia | 2.7 | 2.9 | 3.4 | 3.7 | 4.6 | 3.4 | 3.4 | 3.2 | 3.4 | 3.4 |
| Lithuania | 1.2 | 1.6 | 2.0 | 2.0 | 3.2 | 1.9 | 3.4 | 46.0 | 7.7 | 7.0 |
| Poland | | | | 20.0 | 45.6 | 48.4 | 51.5 | | 41.4 | 41.6 |
| Slovak Republic | | | 81.6 | 76.7 | 69.9 | 82.0 | 29.1 | 75.3 | 69.1 | 68.2 |
| Slovenia | | | | | 5.2 | 6.9 | 6.0 | | 6.0 | 6.0 |
| Romania | | | | | 7.9 | 9.6 | 10.8 | | 9.4 | 9.4 |
| Russian Federation | | 2.3 | 13.9 | 2.8 | 29.5 | 8.7 | 2.1 | | 9.9 | 10.2 |
| Croatia | 9.8 | 7.9 | 7.2 | 5.9 | 7.0 | 7.8 | 8.1 | 7.3 | 7.6 | 7.6 |
| Ukraine | | 1.9 | 1.0 | 4.9 | 4.3 | 8.7 | 8.5 | | 4.9 | 5.4 |
| Iceland | | 18.9 | 12.1 | 8.4 | 16.6 | 19.0 | 16.1 | 15.4 | 15.2 | 14.8 |
| Norway | | 24.9 | 25.0 | 24.0 | 19.4 | 20.7 | 42.9 | 12.9 | 24.2 | 24.3 |
| Switzerland | 10.2 | 11.3 | 14.0 | 13.0 | 14.6 | 18.7 | 25.1 | 24.6 | 16.5 | 16.8 |
| country average | 16.8 | 18.3 | 22.3 | 21.8 | 22.2 | 21.9 | 20.6 | 24.0 | 21.0 | 15.5 |
| ratio of totals | 14.5 | 12.6 | 17.2 | 14.3 | 17.6 | 16.0 | 15.3 | 16.3 | 15.5 | |

I.B.6. PROPORTION OF ENTERING FIRMS EMPLOYEES IN TOTAL EMPLOYEES IN AMADEUS SAMPLE BY COUNTRY. 1999-2006

| Country | 1999 | 2000 | 2001 | 2002 | 2003 | 2004 | 2005 | 2006 | time average | ratio of time averages |
|--------------------|------|------|------|------|------|------|------|------|--------------|------------------------|
| Austria | 4.1 | 1.6 | 0.9 | 0.9 | 0.8 | 0.7 | 1.0 | 0.8 | 1.4 | 1.2 |
| Belgium | 1.5 | 0.8 | 0.8 | 0.6 | 0.9 | 0.9 | 0.6 | 0.5 | 0.8 | 0.8 |
| Denmark | 3.6 | 2.2 | 1.1 | 1.8 | 1.3 | 1.4 | 1.3 | 0.7 | 1.7 | 1.6 |
| Finland | 2.9 | 1.0 | 1.4 | 0.7 | 1.2 | 1.5 | 2.3 | 0.5 | 1.4 | 1.4 |
| Greece | 1.0 | 1.3 | 1.2 | 1.0 | 1.6 | 1.0 | 0.7 | 0.9 | 1.1 | 1.1 |
| France | 0.5 | 0.9 | 0.9 | 0.6 | 0.6 | 0.7 | 0.6 | 0.2 | 0.6 | 0.6 |
| Germany | 1.8 | 1.1 | 0.8 | 0.7 | 0.6 | 0.5 | 0.5 | 0.5 | 0.8 | 0.8 |
| Italy | 0.9 | 1.0 | 2.0 | 1.2 | 0.3 | 1.0 | 0.9 | 0.2 | 1.0 | 1.0 |
| Spain | 1.4 | 1.3 | 1.9 | 1.6 | 1.0 | 1.1 | 1.0 | 0.0 | 1.2 | 1.1 |
| Sweden | 1.5 | 1.6 | 1.5 | 1.1 | 0.7 | 1.0 | 1.8 | 0.9 | 1.3 | 1.2 |
| Portugal | 0.1 | 0.1 | 0.1 | 0.2 | 0.6 | 0.2 | 0.2 | 0.0 | 0.2 | 0.2 |
| United Kingdom | 3.0 | 3.3 | 3.1 | 1.6 | 1.8 | 1.9 | 1.6 | 0.7 | 2.1 | 2.1 |
| Ireland | 3.2 | 1.5 | 1.2 | 1.0 | 0.6 | 0.7 | 0.7 | 0.1 | 1.1 | 1.1 |
| Netherlands | 1.0 | 0.8 | 1.2 | 1.4 | 1.0 | 1.1 | 0.5 | 0.0 | 0.9 | 0.9 |
| Bulgaria | 1.1 | 0.8 | 0.3 | 0.2 | 0.3 | 0.4 | 0.1 | 0.1 | 0.4 | 0.4 |
| Czech Republic | 3.0 | 1.9 | 1.7 | 1.6 | 0.5 | 0.7 | 0.4 | 0.1 | 1.2 | 1.1 |
| Estonia | 5.3 | 2.1 | 1.7 | 2.1 | 1.4 | 1.6 | 1.7 | 0.9 | 2.1 | 2.0 |
| Hungary | 0.3 | 0.1 | 0.2 | 0.4 | 0.0 | 0.1 | 0.0 | 0.0 | 0.1 | 0.1 |
| Latvia | 0.7 | 1.0 | 1.1 | 1.1 | 0.9 | 0.5 | 1.0 | 0.3 | 0.8 | 0.8 |
| Lithuania | 1.2 | 0.7 | 1.2 | 2.5 | 0.9 | 0.9 | 0.8 | 0.2 | 1.1 | 1.1 |
| Poland | | | | 0.9 | 0.6 | 0.6 | 0.4 | | 0.6 | 0.5 |
| Slovak Republic | | | 1.9 | 1.5 | 0.5 | 0.1 | 2.4 | 0.1 | 1.1 | 1.0 |
| Slovenia | | | | | 0.0 | 0.0 | 0.0 | | 0.0 | 0.0 |
| Romania | | | | | 1.9 | 2.7 | 1.8 | | 2.1 | 2.1 |
| Russian Federation | | 0.1 | 0.3 | 0.4 | 0.0 | 0.0 | 0.0 | | 0.2 | 0.2 |
| Croatia | 0.4 | 0.6 | 0.8 | 1.7 | 0.7 | 0.5 | 0.4 | 2.4 | 0.9 | 0.9 |
| Ukraine | | 2.0 | 0.2 | 0.0 | 0.8 | 0.4 | 0.2 | | 0.6 | 0.5 |
| Iceland | | 0.6 | 0.2 | 0.9 | 1.3 | 1.0 | 0.7 | 0.0 | 0.7 | 0.6 |
| Norway | | 2.4 | 2.3 | 3.0 | 1.7 | 2.3 | 1.8 | 0.5 | 2.0 | 2.0 |
| Switzerland | 0.4 | 0.4 | 0.4 | 0.2 | 0.2 | 0.2 | 0.2 | 0.1 | 0.3 | 0.3 |
| country average | 1.8 | 1.2 | 1.1 | 1.1 | 0.8 | 0.9 | 0.9 | 0.4 | 1.0 | 1.0 |
| ratio of totals | 1.7 | 1.3 | 1.2 | 0.9 | 0.8 | 0.9 | 0.8 | 0.4 | 1.0 | |

I.B.7. PROPORTION OF EXITING FIRMS EMPLOYEES IN TOTAL EMPLOYEES IN AMADEUS SAMPLE BY COUNTRY. 1999-2006

| Country | 1999 | 2000 | 2001 | 2002 | 2003 | 2004 | 2005 | 2006 | time average | ratio of time averages |
|--------------------|------|------|------|------|------|------|------|------|--------------|------------------------|
| Austria | 0.2 | 1.0 | 0.6 | 2.3 | 1.7 | 1.4 | 4.2 | 4.4 | 2.0 | 2.1 |
| Belgium | 0.0 | 0.4 | 0.9 | 0.9 | 0.7 | 0.7 | 3.1 | 5.6 | 1.5 | 1.5 |
| Denmark | 0.4 | 0.0 | 1.0 | 5.0 | 0.7 | 0.8 | 1.0 | 0.6 | 1.2 | 1.2 |
| Finland | 0.0 | 0.0 | 0.0 | 1.2 | 1.7 | 2.3 | 2.3 | 2.4 | 1.3 | 1.3 |
| Greece | 0.1 | 0.1 | 0.4 | 1.5 | 1.0 | 2.2 | 2.0 | 2.3 | 1.2 | 1.2 |
| France | 0.1 | 0.3 | 1.0 | 1.1 | 1.1 | 1.4 | 3.4 | 5.4 | 1.7 | 1.8 |
| Germany | 0.2 | 0.5 | 0.9 | 1.2 | 3.6 | 4.3 | 5.0 | 9.9 | 3.2 | 3.1 |
| Italy | 1.0 | 1.4 | 1.2 | 1.0 | 3.6 | 3.1 | 2.8 | 3.4 | 2.2 | 2.2 |
| Spain | 1.1 | 1.1 | 1.2 | 1.1 | 1.4 | 2.0 | 3.0 | 6.0 | 2.1 | 2.2 |
| Sweden | 0.1 | 0.2 | 0.6 | 1.0 | 1.2 | 1.1 | 2.5 | 2.9 | 1.2 | 1.2 |
| Portugal | 0.3 | 0.2 | 0.5 | 0.1 | 0.4 | 0.2 | 1.3 | 2.0 | 0.6 | 0.6 |
| United Kingdom | 0.8 | 0.9 | 1.0 | 1.1 | 1.2 | 1.5 | 1.2 | 2.4 | 1.3 | 1.3 |
| Ireland | 1.0 | 0.5 | 1.2 | 3.8 | 2.3 | 4.4 | 2.9 | 6.5 | 2.8 | 2.8 |
| Netherlands | 1.8 | 1.6 | 1.5 | 2.1 | 1.6 | 2.1 | 4.0 | 3.9 | 2.3 | 2.4 |
| Bulgaria | 0.3 | 0.1 | 0.2 | 0.2 | 0.2 | 0.5 | 0.2 | 1.1 | 0.3 | 0.3 |
| Czech Republic | 0.3 | 0.4 | 1.4 | 1.3 | 1.4 | 2.5 | 4.1 | 9.7 | 2.6 | 2.9 |
| Estonia | 0.3 | 0.4 | 1.5 | 1.6 | 1.2 | 1.1 | 1.0 | 2.5 | 1.2 | 1.2 |
| Hungary | 0.0 | 0.2 | 0.7 | 0.8 | 1.2 | 1.4 | 1.3 | 1.5 | 0.9 | 1.0 |
| Latvia | 0.2 | 1.1 | 1.4 | 1.1 | 2.3 | 1.6 | 5.0 | 4.2 | 2.1 | 2.3 |
| Lithuania | 1.1 | 2.6 | 2.4 | 2.3 | 7.7 | 12.9 | 5.4 | 6.1 | 5.1 | 5.4 |
| Poland | | | | 0.0 | 2.1 | 1.4 | 2.5 | | 1.5 | 1.5 |
| Slovak Republic | | | 0.6 | 2.9 | 1.0 | 3.2 | 6.9 | 11.9 | 4.4 | 4.5 |
| Slovenia | | | | | 8.7 | 2.1 | 4.9 | | 5.3 | 5.3 |
| Romania | | | | | 0.4 | 2.5 | 0.9 | | 1.3 | 1.3 |
| Russian Federation | | 0.3 | 0.5 | 1.7 | 2.8 | 10.3 | 1.1 | | 2.8 | 2.4 |
| Croatia | 0.1 | 0.1 | 0.4 | 0.6 | 0.3 | 1.3 | 0.3 | 5.3 | 1.1 | 1.1 |
| Ukraine | | 1.3 | 0.4 | 0.6 | 1.5 | 1.5 | 0.6 | | 1.0 | 1.0 |
| Iceland | | 0.8 | 1.6 | 5.7 | 3.1 | 0.6 | 0.6 | 3.5 | 2.3 | 2.3 |
| Norway | | 0.0 | 2.9 | 1.7 | 1.6 | 1.7 | 2.1 | 6.8 | 2.4 | 2.4 |
| Switzerland | 0.1 | 0.1 | 2.4 | 0.5 | 0.7 | 0.9 | 1.2 | 2.7 | 1.1 | 1.1 |
| country average | 0.4 | 0.6 | 1.1 | 1.6 | 2.0 | 2.4 | 2.6 | 4.5 | 1.9 | 2.0 |
| ratio of totals | 0.5 | 0.6 | 0.9 | 1.3 | 2.0 | 3.1 | 2.6 | 5.1 | 2.0 | |

I.C. JOB FLOWS

I.C.1. GROSS EMPLOYMENT CREATED BY CONTINUING ENTERPRISES IN AMADEUS SAMPLE BY COUNTRY, 1999-2006

| Country | 1999 | 2000 | 2001 | 2002 | 2003 | 2004 | 2005 | 2006 | time average |
|---------------------------|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|------------------|-------------------|
| Austria | 64,208 | 76,265 | 58,288 | 116,303 | 140,309 | 140,741 | 257,765 | 126,692 | 122,571 |
| Belgium | 279,146 | 248,879 | 430,869 | 229,008 | 169,885 | 147,456 | 193,811 | 175,001 | 234,257 |
| Denmark | 235,422 | 264,323 | 327,810 | 202,161 | 355,275 | 189,873 | 210,907 | 389,503 | 271,909 |
| Finland | 125,115 | 122,986 | 134,400 | 116,491 | 114,268 | 111,270 | 124,736 | 169,751 | 127,377 |
| Greece | 9,474 | 15,905 | 2,729 | 5,811 | 3,893 | 10,559 | 9,109 | 4,267 | 7,718 |
| France | 1,612,716 | 1,744,013 | 1,803,656 | 1,547,223 | 1,246,746 | 1,341,147 | 1,232,811 | 1,030,337 | 1,444,831 |
| Germany | 2,398,134 | 2,951,383 | 2,101,189 | 1,928,874 | 2,623,385 | 2,552,855 | 2,186,877 | 1,900,133 | 2,330,354 |
| Italy | 903,607 | 1,129,779 | 1,339,037 | 1,107,221 | 1,172,952 | 1,212,544 | 842,403 | 795,387 | 1,062,866 |
| Spain | 1,683,047 | 1,127,416 | 981,503 | 921,508 | 1,111,126 | 1,291,367 | 1,252,891 | 1,079,725 | 1,181,073 |
| Sweden | 338,552 | 469,508 | 378,866 | 302,506 | 255,493 | 255,691 | 269,468 | 348,729 | 327,352 |
| Portugal | 104,913 | 44,701 | 99,467 | 34,099 | 65,279 | 48,840 | 55,514 | 64,453 | 64,658 |
| United Kingdom | 1,612,885 | 1,924,345 | 2,069,472 | 1,626,729 | 1,487,658 | 1,617,937 | 1,515,645 | 1,506,948 | 1,670,202 |
| Ireland | 65,160 | 45,879 | 30,646 | 14,051 | 11,857 | 23,053 | 35,776 | 28,296 | 31,840 |
| Netherlands | 586,380 | 448,285 | 489,727 | 442,157 | 473,941 | 579,208 | 547,320 | 570,674 | 517,212 |
| Bulgaria | 96,104 | 160,056 | 249,396 | 266,312 | 280,254 | 515,726 | 228,503 | 339,686 | 267,005 |
| Czech Republic | 76,859 | 74,885 | 99,043 | 50,856 | 125,502 | 339,110 | 177,468 | 149,845 | 136,696 |
| Estonia | 25,075 | 33,699 | 37,400 | 41,401 | 36,630 | 43,221 | 50,990 | 40,795 | 38,651 |
| Hungary | 20,629 | 24,948 | 30,249 | 40,051 | 127,774 | 99,574 | 92,546 | 86,119 | 65,236 |
| Latvia | 15,264 | 20,175 | 20,290 | 24,705 | 28,678 | 31,214 | 34,260 | 37,199 | 26,473 |
| Lithuania | 22,154 | 33,714 | 49,476 | 40,774 | 53,982 | 66,368 | 19,792 | 45,303 | 41,445 |
| Poland | | | | 209,765 | 176,820 | 173,924 | 246,109 | | 201,655 |
| Slovak Republic | | | 11,827 | 17,749 | 44,618 | 14,966 | 79,662 | 33,399 | 33,704 |
| Slovenia | | | | | 18,508 | 24,651 | 19,794 | | 20,984 |
| Romania | | | | | 394,696 | 418,233 | 484,734 | | 432,554 |
| Russian Federation | | 1,488,222 | 1,564,074 | 1,718,994 | 736,797 | 2,208,495 | 1,418,583 | | 1,522,528 |
| Croatia | 28,501 | 42,848 | 54,239 | 62,589 | 52,106 | 49,699 | 50,357 | 56,650 | 49,624 |
| Ukraine | | 319,015 | 485,407 | 857,537 | 681,611 | 753,104 | 930,299 | | 671,162 |
| Iceland | | 5,079 | 4,758 | 10,582 | 2,711 | 3,833 | 5,702 | 8,471 | 5,877 |
| Norway | | 104,605 | 109,582 | 84,228 | 119,628 | 160,169 | 91,344 | 89,904 | 108,494 |
| Switzerland | 196,484 | 186,476 | 154,386 | 178,015 | 172,362 | 124,231 | 158,754 | 249,753 | 177,558 |
| TOTAL | 10,499,829 | 13,107,389 | 13,117,786 | 12,197,700 | 12,284,744 | 14,549,059 | 12,823,930 | 9,327,020 | 13,193,866 |

I.C.2. GROSS EMPLOYMENT DESTROYED BY CONTINUING ENTERPRISES IN AMADEUS SAMPLE BY COUNTRY, 1999-2006

| Country | 1999 | 2000 | 2001 | 2002 | 2003 | 2004 | 2005 | 2006 | time average |
|---------------------------|------------------|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|------------------|-------------------|
| Austria | 92,381 | 82,522 | 90,488 | 100,674 | 142,675 | 135,993 | 171,432 | 235,442 | 131,451 |
| Belgium | 100,349 | 190,248 | 192,626 | 126,748 | 166,181 | 123,717 | 90,514 | 126,850 | 139,654 |
| Denmark | 78,898 | 123,659 | 127,630 | 203,584 | 139,347 | 124,182 | 93,496 | 82,300 | 121,637 |
| Finland | 56,846 | 69,080 | 77,603 | 107,366 | 84,959 | 94,089 | 72,201 | 71,211 | 79,169 |
| Greece | 13,418 | 6,180 | 1,409 | 1,542 | 1,452 | 1,708 | 1,533 | 1,767 | 3,626 |
| France | 606,320 | 842,892 | 824,684 | 947,708 | 1,211,261 | 874,685 | 903,573 | 758,109 | 871,154 |
| Germany | 1,600,265 | 1,691,965 | 1,905,280 | 1,801,824 | 1,844,112 | 2,167,525 | 1,891,651 | 1,524,622 | 1,803,406 |
| Italy | 548,160 | 791,884 | 1,070,612 | 714,968 | 946,408 | 819,391 | 683,896 | 388,427 | 745,468 |
| Spain | 1,337,231 | 1,323,770 | 659,494 | 627,482 | 609,540 | 582,312 | 593,844 | 545,718 | 784,924 |
| Sweden | 202,076 | 168,420 | 223,204 | 314,116 | 234,446 | 238,679 | 174,500 | 158,023 | 214,183 |
| Portugal | 54,426 | 72,671 | 29,592 | 51,156 | 47,448 | 39,296 | 55,931 | 32,086 | 47,826 |
| United Kingdom | 1,410,193 | 1,437,157 | 1,704,226 | 1,873,251 | 1,641,517 | 1,650,811 | 1,692,097 | 1,490,623 | 1,612,484 |
| Ireland | 52,935 | 30,705 | 13,804 | 11,872 | 5,559 | 5,922 | 7,149 | 5,861 | 16,726 |
| Netherlands | 316,628 | 575,770 | 448,415 | 480,821 | 421,740 | 476,282 | 453,977 | 299,036 | 434,084 |
| Bulgaria | 198,585 | 273,375 | 285,837 | 227,587 | 338,724 | 305,671 | 452,226 | 132,928 | 276,867 |
| Czech Republic | 126,707 | 125,517 | 94,401 | 38,012 | 52,987 | 157,703 | 254,556 | 203,005 | 131,611 |
| Estonia | 24,243 | 32,511 | 35,584 | 32,153 | 27,791 | 27,171 | 29,135 | 29,388 | 29,747 |
| Hungary | 34,039 | 40,032 | 79,531 | 133,828 | 34,234 | 32,915 | 44,440 | 41,729 | 55,094 |
| Latvia | 14,931 | 20,777 | 11,735 | 18,652 | 10,455 | 17,452 | 21,224 | 21,140 | 17,046 |
| Lithuania | 30,649 | 31,126 | 22,762 | 32,836 | 22,470 | 56,567 | 88,326 | 21,890 | 38,328 |
| Poland | 0 | 0 | 0 | 329,351 | 126,025 | 119,250 | 119,908 | 0 | 86,817 |
| Slovak Republic | 0 | 0 | 5,583 | 26,359 | 39,480 | 27,765 | 155,000 | 14,856 | 33,630 |
| Slovenia | 0 | 0 | 0 | 0 | 24,121 | 17,268 | 14,778 | 0 | 7,021 |
| Romania | 0 | 0 | 0 | 0 | 418,979 | 409,604 | 442,829 | 0 | 158,927 |
| Russian Federation | 0 | 1,492,805 | 1,708,466 | 3,002,704 | 3,873,336 | 2,874,615 | 1,036,600 | 0 | 1,748,566 |
| Croatia | 51,535 | 39,996 | 45,273 | 55,200 | 39,140 | 36,985 | 34,591 | 26,709 | 41,179 |
| Ukraine | 0 | 536,810 | 722,609 | 1,061,720 | 1,226,562 | 1,159,306 | 1,032,978 | 0 | 717,498 |
| Iceland | 0 | 1,470 | 2,616 | 3,300 | 788 | 742 | 949 | 732 | 1,325 |
| Norway | 0 | 99,294 | 92,246 | 102,308 | 139,822 | 122,163 | 54,666 | 64,590 | 84,386 |
| Switzerland | 85,654 | 86,928 | 104,054 | 155,454 | 140,088 | 111,919 | 205,776 | 56,933 | 118,351 |
| TOTAL | 7,036,469 | 10,187,564 | 10,579,764 | 12,582,576 | 14,011,647 | 12,811,688 | 10,873,776 | 6,333,975 | 10,552,182 |

I.C.3. GROSS EMPLOYMENT CREATED BY ENTERING ENTERPRISES IN AMADEUS SAMPLE BY COUNTRY, 1999-2006

| Country | 1999 | 2000 | 2001 | 2002 | 2003 | 2004 | 2005 | 2006 | time average |
|---------------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|----------------|------------------|
| Austria | 102,330 | 45,803 | 30,305 | 33,914 | 30,510 | 26,184 | 42,203 | 29,271 | 42,565 |
| Belgium | 59,534 | 33,775 | 34,072 | 27,071 | 41,375 | 42,937 | 26,410 | 19,859 | 35,629 |
| Denmark | 131,607 | 88,854 | 53,997 | 91,137 | 59,460 | 71,033 | 66,724 | 36,926 | 74,967 |
| Finland | 73,218 | 28,291 | 44,467 | 23,367 | 37,763 | 50,221 | 77,148 | 15,628 | 43,763 |
| Greece | 14,467 | 18,254 | 17,892 | 15,339 | 25,373 | 16,085 | 10,050 | 13,587 | 16,381 |
| France | 132,747 | 258,484 | 273,509 | 214,899 | 190,507 | 216,465 | 201,841 | 58,973 | 193,428 |
| Germany | 827,130 | 583,463 | 455,851 | 392,606 | 362,974 | 287,006 | 257,272 | 212,982 | 422,411 |
| Italy | 134,799 | 152,244 | 328,185 | 205,037 | 52,842 | 172,422 | 147,581 | 35,402 | 153,564 |
| Spain | 184,154 | 185,372 | 282,094 | 250,004 | 174,007 | 195,270 | 192,635 | 6,308 | 183,731 |
| Sweden | 93,260 | 111,485 | 113,599 | 85,316 | 54,600 | 77,363 | 141,429 | 73,993 | 93,881 |
| Portugal | 1,219 | 1,334 | 1,226 | 4,991 | 13,098 | 4,523 | 3,151 | 20 | 3,695 |
| United Kingdom | 1,184,807 | 1,455,504 | 1,481,020 | 798,709 | 897,800 | 901,136 | 750,052 | 336,248 | 975,660 |
| Ireland | 32,519 | 22,913 | 18,741 | 15,951 | 9,037 | 8,947 | 9,132 | 1,340 | 14,823 |
| Netherlands | 116,101 | 97,892 | 144,287 | 171,238 | 129,945 | 149,392 | 70,355 | 5,328 | 110,567 |
| Bulgaria | 28,677 | 28,262 | 11,434 | 8,539 | 11,809 | 17,181 | 4,066 | 3,638 | 14,201 |
| Czech Republic | 86,790 | 59,653 | 59,003 | 58,760 | 19,297 | 29,412 | 15,579 | 3,137 | 41,454 |
| Estonia | 29,258 | 14,155 | 11,579 | 15,198 | 9,985 | 11,900 | 13,168 | 6,402 | 13,956 |
| Hungary | 2,464 | 655 | 2,154 | 5,653 | 148 | 1,209 | 207 | 597 | 1,636 |
| Latvia | 3,801 | 5,392 | 6,454 | 6,480 | 5,718 | 3,475 | 6,913 | 1,855 | 5,011 |
| Lithuania | 8,360 | 5,338 | 8,802 | 21,329 | 8,916 | 8,869 | 6,321 | 1,315 | 8,656 |
| Poland | | | | 67,069 | 42,109 | 44,818 | 27,580 | | 45,394 |
| Slovak Republic | | | 17,111 | 16,430 | 5,528 | 1,503 | 29,532 | 1,047 | 11,859 |
| Slovenia | | | | | | | | | |
| Romania | | | | | 116,171 | 167,938 | 117,247 | | 133,785 |
| Russian Federation | | 70,686 | 198,211 | 242,652 | 8,836 | 8,342 | 9,202 | | 89,655 |
| Croatia | 4,644 | 6,677 | 9,385 | 21,675 | 9,775 | 6,712 | 5,649 | 33,040 | 12,195 |
| Ukraine | | 160,534 | 30,936 | 8,912 | 156,527 | 67,460 | 41,934 | | 77,717 |
| Iceland | | 610 | 159 | 669 | 454 | 430 | 315 | 2 | 377 |
| Norway | | 49,040 | 48,792 | 64,852 | 37,155 | 52,430 | 42,519 | 10,593 | 43,626 |
| Switzerland | 24,056 | 24,636 | 27,798 | 17,811 | 15,030 | 15,506 | 13,589 | 8,877 | 18,413 |
| TOTAL | 3,275,942 | 3,509,306 | 3,711,063 | 2,885,608 | 2,526,749 | 2,656,169 | 2,329,804 | 916,368 | 2,882,997 |

I.C.4. GROSS EMPLOYMENT DESTROYED BY EXITING ENTERPRISES IN AMADEUS SAMPLE BY COUNTRY, 1999-2006

| Country | 1999 | 2000 | 2001 | 2002 | 2003 | 2004 | 2005 | 2006 | time average |
|---------------------------|----------------|------------------|------------------|------------------|------------------|------------------|------------------|-------------------|------------------|
| Austria | 5,513 | 28,106 | 19,479 | 83,742 | 63,426 | 55,490 | 173,544 | 173,238 | 75,317 |
| Belgium | 99 | 18,255 | 39,186 | 42,563 | 35,995 | 36,447 | 137,568 | 239,667 | 68,723 |
| Denmark | 13,876 | 1,887 | 47,678 | 252,504 | 33,867 | 40,364 | 51,268 | 35,718 | 59,645 |
| Finland | 35 | 304 | 1,031 | 41,020 | 58,394 | 77,039 | 77,802 | 79,291 | 41,865 |
| Greece | 1,623 | 1,446 | 5,209 | 22,070 | 14,620 | 34,539 | 30,458 | 34,925 | 18,111 |
| France | 38,620 | 90,957 | 344,019 | 383,759 | 396,973 | 515,322 | 1,211,615 | 1,811,775 | 599,130 |
| Germany | 71,327 | 257,501 | 496,098 | 684,097 | 2,110,823 | 2,465,201 | 2,639,905 | 4,524,404 | 1,656,170 |
| Italy | 149,019 | 215,777 | 194,992 | 176,503 | 654,202 | 536,496 | 444,826 | 528,902 | 362,590 |
| Spain | 148,748 | 165,842 | 186,400 | 178,886 | 248,705 | 380,427 | 603,625 | 1,135,453 | 381,011 |
| Sweden | 5,791 | 12,729 | 47,389 | 83,178 | 96,706 | 87,160 | 202,411 | 239,197 | 96,820 |
| Portugal | 4,401 | 3,528 | 9,527 | 1,622 | 8,635 | 3,731 | 27,056 | 43,224 | 12,716 |
| United Kingdom | 305,458 | 406,764 | 447,425 | 554,194 | 574,574 | 703,543 | 570,307 | 1,076,059 | 579,791 |
| Ireland | 9,902 | 8,140 | 19,897 | 59,734 | 33,337 | 61,687 | 40,264 | 89,076 | 40,255 |
| Netherlands | 210,719 | 198,308 | 190,998 | 271,685 | 218,064 | 288,905 | 536,312 | 483,720 | 299,839 |
| Bulgaria | 8,407 | 3,257 | 7,521 | 6,096 | 7,447 | 21,233 | 7,896 | 39,574 | 12,679 |
| Czech Republic | 8,670 | 12,200 | 49,375 | 50,930 | 61,324 | 114,742 | 192,403 | 399,749 | 111,174 |
| Estonia | 1,509 | 2,464 | 10,701 | 11,615 | 9,233 | 8,896 | 8,309 | 19,407 | 9,017 |
| Hungary | 6 | 2,312 | 8,775 | 11,868 | 21,393 | 24,452 | 23,501 | 28,285 | 15,074 |
| Latvia | 793 | 5,949 | 8,012 | 6,685 | 14,514 | 10,774 | 36,481 | 30,038 | 14,156 |
| Lithuania | 7,244 | 18,975 | 18,777 | 19,599 | 78,964 | 125,765 | 42,800 | 43,694 | 44,477 |
| Poland | | | | 399 | 155,371 | 104,914 | 193,744 | | 113,607 |
| Slovak Republic | | | 5,773 | 30,781 | 11,282 | 40,545 | 85,771 | 136,326 | 51,746 |
| Slovenia | | | | | 55,044 | 15,527 | 34,455 | | 35,009 |
| Romania | | | | | 24,825 | 180,808 | 70,557 | | 92,063 |
| Russian Federation | | 155,185 | 305,394 | 953,485 | 1,317,872 | 3,504,330 | 325,976 | | 1,093,707 |
| Croatia | 700 | 1,643 | 5,571 | 8,229 | 4,569 | 17,261 | 4,455 | 74,284 | 14,589 |
| Ukraine | | 102,301 | 54,432 | 119,724 | 294,217 | 292,288 | 104,861 | | 161,304 |
| Iceland | | 768 | 1,659 | 4,688 | 1,271 | 259 | 340 | 2,124 | 1,587 |
| Norway | | 84 | 63,162 | 36,114 | 35,687 | 38,820 | 49,076 | 140,344 | 51,898 |
| Switzerland | 5,170 | 8,836 | 169,853 | 35,631 | 53,116 | 70,657 | 92,250 | 209,497 | 80,626 |
| TOTAL | 997,630 | 1,723,518 | 2,758,333 | 4,131,401 | 6,694,450 | 9,857,622 | 8,019,836 | 11,617,971 | 6,194,694 |

I.D. JOB FLOWS INDICATORS

I.D.1. GROSS JOB CREATION RATE OF CONTINUING ENTERPRISES IN AMADEUS SAMPLE BY COUNTRY, 1999-2006

| Country | 1999 | 2000 | 2001 | 2002 | 2003 | 2004 | 2005 | 2006 | time average | ratio of time averages |
|--------------------|------|------|------|------|------|------|------|------|--------------|------------------------|
| Austria | 5.2 | 5.3 | 3.4 | 6.2 | 7.1 | 6.9 | 12.0 | 6.2 | 6.5 | 6.8 |
| Belgium | 13.8 | 11.4 | 18.5 | 9.2 | 6.7 | 5.8 | 8.6 | 8.1 | 10.3 | 10.1 |
| Denmark | 12.8 | 12.5 | 13.0 | 8.0 | 15.1 | 7.4 | 7.9 | 13.6 | 11.3 | 11.2 |
| Finland | 9.7 | 8.4 | 8.3 | 6.9 | 6.7 | 6.5 | 7.2 | 9.6 | 7.9 | 7.9 |
| Greece | 1.3 | 2.2 | 0.4 | 0.8 | 0.5 | 1.3 | 1.1 | 0.5 | 1.0 | 1.0 |
| France | 11.9 | 11.3 | 10.3 | 8.4 | 6.7 | 7.2 | 6.7 | 6.0 | 8.6 | 8.4 |
| Germany | 10.2 | 11.2 | 7.3 | 6.5 | 8.8 | 8.8 | 8.1 | 8.2 | 8.6 | 8.6 |
| Italy | 12.2 | 14.3 | 15.8 | 12.4 | 12.8 | 14.0 | 10.4 | 10.1 | 12.8 | 12.8 |
| Spain | 23.5 | 15.2 | 12.4 | 10.5 | 11.8 | 12.9 | 12.1 | 10.9 | 13.7 | 13.3 |
| Sweden | 10.2 | 12.9 | 9.5 | 7.4 | 6.1 | 6.1 | 6.4 | 8.2 | 8.4 | 8.2 |
| Portugal | 11.7 | 4.9 | 10.3 | 3.3 | 6.2 | 4.5 | 5.3 | 6.1 | 6.5 | 6.4 |
| United Kingdom | 8.0 | 8.7 | 8.7 | 6.7 | 6.1 | 6.7 | 6.4 | 6.6 | 7.2 | 7.2 |
| Ireland | 12.6 | 6.0 | 3.7 | 1.8 | 1.6 | 3.3 | 5.1 | 4.1 | 4.8 | 4.5 |
| Netherlands | 9.8 | 7.3 | 7.7 | 6.8 | 6.9 | 8.1 | 7.9 | 8.8 | 7.9 | 7.9 |
| Bulgaria | 7.0 | 9.2 | 13.6 | 13.8 | 14.6 | 23.6 | 9.7 | 18.2 | 13.7 | 14.0 |
| Czech Republic | 5.3 | 4.8 | 5.7 | 2.6 | 5.8 | 14.4 | 7.3 | 7.0 | 6.6 | 6.9 |
| Estonia | 8.4 | 9.3 | 10.3 | 10.8 | 9.2 | 10.4 | 11.9 | 10.0 | 10.0 | 10.1 |
| Hungary | 4.5 | 4.9 | 4.6 | 5.7 | 14.5 | 11.2 | 10.0 | 8.9 | 8.0 | 8.7 |
| Latvia | 5.9 | 7.4 | 7.1 | 8.1 | 8.8 | 8.9 | 9.3 | 10.3 | 8.2 | 8.4 |
| Lithuania | 6.4 | 9.2 | 12.7 | 9.6 | 10.5 | 13.6 | 4.9 | 12.5 | 9.9 | 10.1 |
| Poland | | | | 5.8 | 4.8 | 4.7 | 6.4 | | 5.4 | 5.4 |
| Slovak Republic | | | 2.6 | 3.3 | 7.5 | 2.3 | 12.6 | 5.8 | 5.7 | 5.9 |
| Slovenia | | | | | 5.1 | 6.6 | 5.6 | | 5.8 | 5.8 |
| Romania | | | | | 10.6 | 10.9 | 12.4 | | 11.3 | 11.3 |
| Russian Federation | | 5.9 | 5.3 | 6.1 | 3.2 | 12.9 | 9.5 | | 7.2 | 6.6 |
| Croatia | 4.8 | 7.0 | 8.6 | 9.5 | 7.7 | 7.2 | 7.2 | 8.1 | 7.5 | 7.5 |
| Ukraine | | 7.9 | 7.6 | 8.8 | 7.0 | 7.9 | 10.1 | | 8.2 | 8.3 |
| Iceland | | 10.7 | 9.3 | 25.6 | 13.1 | 15.5 | 19.8 | 26.9 | 17.3 | 16.7 |
| Norway | | 9.5 | 9.7 | 7.3 | 10.2 | 13.4 | 7.5 | 7.7 | 9.3 | 9.3 |
| Switzerland | 6.4 | 5.6 | 4.3 | 4.9 | 4.6 | 3.2 | 4.1 | 6.3 | 4.9 | 4.9 |
| country average | 9.2 | 8.6 | 8.5 | 7.7 | 8.0 | 8.9 | 8.5 | 9.2 | 8.6 | 8.4 |
| ratio of totals | 10.8 | 9.5 | 8.5 | 7.4 | 7.4 | 9.0 | 8.2 | 8.1 | 8.6 | |

I.D.2. GROSS JOB CREATION RATE OF ENTERING ENTERPRISES IN AMADEUS SAMPLE BY COUNTRY, 1999-2006

| Country | 1999 | 2000 | 2001 | 2002 | 2003 | 2004 | 2005 | 2006 | time average | ratio of time averages |
|--------------------|------|------|------|------|------|------|------|------|--------------|------------------------|
| Austria | 8.2 | 3.2 | 1.8 | 1.8 | 1.5 | 1.3 | 2.0 | 1.4 | 2.7 | 2.4 |
| Belgium | 2.9 | 1.6 | 1.5 | 1.1 | 1.6 | 1.7 | 1.2 | 0.9 | 1.6 | 1.5 |
| Denmark | 7.1 | 4.2 | 2.1 | 3.6 | 2.5 | 2.8 | 2.5 | 1.3 | 3.3 | 3.1 |
| Finland | 5.7 | 1.9 | 2.8 | 1.4 | 2.2 | 2.9 | 4.4 | 0.9 | 2.8 | 2.7 |
| Greece | 2.0 | 2.5 | 2.3 | 2.0 | 3.2 | 2.0 | 1.3 | 1.7 | 2.1 | 2.1 |
| France | 1.0 | 1.7 | 1.6 | 1.2 | 1.0 | 1.2 | 1.1 | 0.3 | 1.1 | 1.1 |
| Germany | 3.5 | 2.2 | 1.6 | 1.3 | 1.2 | 1.0 | 1.0 | 0.9 | 1.6 | 1.6 |
| Italy | 1.8 | 1.9 | 3.9 | 2.3 | 0.6 | 2.0 | 1.8 | 0.4 | 1.8 | 1.8 |
| Spain | 2.6 | 2.5 | 3.6 | 2.9 | 1.8 | 1.9 | 1.9 | 0.1 | 2.1 | 2.1 |
| Sweden | 2.8 | 3.1 | 2.9 | 2.1 | 1.3 | 1.9 | 3.4 | 1.7 | 2.4 | 2.4 |
| Portugal | 0.1 | 0.1 | 0.1 | 0.5 | 1.2 | 0.4 | 0.3 | 0.0 | 0.4 | 0.4 |
| United Kingdom | 5.9 | 6.6 | 6.2 | 3.3 | 3.7 | 3.7 | 3.2 | 1.5 | 4.3 | 4.2 |
| Ireland | 6.3 | 3.0 | 2.3 | 2.0 | 1.2 | 1.3 | 1.3 | 0.2 | 2.2 | 2.1 |
| Netherlands | 1.9 | 1.6 | 2.3 | 2.6 | 1.9 | 2.1 | 1.0 | 0.1 | 1.7 | 1.7 |
| Bulgaria | 2.1 | 1.6 | 0.6 | 0.4 | 0.6 | 0.8 | 0.2 | 0.2 | 0.8 | 0.7 |
| Czech Republic | 6.0 | 3.8 | 3.4 | 3.0 | 0.9 | 1.2 | 0.6 | 0.1 | 2.4 | 2.1 |
| Estonia | 9.8 | 3.9 | 3.2 | 3.9 | 2.5 | 2.9 | 3.1 | 1.6 | 3.9 | 3.6 |
| Hungary | 0.5 | 0.1 | 0.3 | 0.8 | 0.0 | 0.1 | 0.0 | 0.1 | 0.3 | 0.2 |
| Latvia | 1.5 | 2.0 | 2.2 | 2.1 | 1.8 | 1.0 | 1.9 | 0.5 | 1.6 | 1.6 |
| Lithuania | 2.4 | 1.5 | 2.3 | 5.0 | 1.7 | 1.8 | 1.6 | 0.4 | 2.1 | 2.1 |
| Poland | | | | 1.9 | 1.1 | 1.2 | 0.7 | | 1.2 | 1.2 |
| Slovak Republic | | | 3.7 | 3.1 | 0.9 | 0.2 | 4.7 | 0.2 | 2.1 | 2.1 |
| Slovenia | | | | | 0.0 | 0.0 | 0.0 | | 0.0 | 0.0 |
| Romania | | | | | 3.1 | 4.4 | 3.0 | | 3.5 | 3.5 |
| Russian Federation | | 0.3 | 0.7 | 0.9 | 0.0 | 0.0 | 0.1 | | 0.3 | 0.4 |
| Croatia | 0.8 | 1.1 | 1.5 | 3.3 | 1.4 | 1.0 | 0.8 | 4.7 | 1.8 | 1.9 |
| Ukraine | | 4.0 | 0.5 | 0.1 | 1.6 | 0.7 | 0.5 | | 1.2 | 1.0 |
| Iceland | | 1.3 | 0.3 | 1.6 | 2.2 | 1.7 | 1.1 | 0.0 | 1.2 | 1.1 |
| Norway | | 4.4 | 4.3 | 5.7 | 3.2 | 4.4 | 3.5 | 0.9 | 3.8 | 3.8 |
| Switzerland | 0.8 | 0.7 | 0.8 | 0.5 | 0.4 | 0.4 | 0.4 | 0.2 | 0.5 | 0.5 |
| country average | 3.4 | 2.3 | 2.2 | 2.2 | 1.6 | 1.6 | 1.6 | 0.8 | 2.0 | 1.8 |
| ratio of totals | 3.4 | 2.5 | 2.4 | 1.7 | 1.5 | 1.7 | 1.5 | 0.8 | 1.9 | |

I.D.3. GROSS JOB CREATION RATE OF TOTAL ENTERPRISES IN AMADEUS SAMPLE BY COUNTRY, 1999-2006

| Country | 1999 | 2000 | 2001 | 2002 | 2003 | 2004 | 2005 | 2006 | time average | ratio of time averages |
|--------------------|------|------|------|------|------|------|------|------|--------------|------------------------|
| Austria | 13.4 | 8.5 | 5.2 | 8.0 | 8.7 | 8.2 | 13.9 | 7.6 | 9.2 | 9.1 |
| Belgium | 16.8 | 13.0 | 20.0 | 10.3 | 8.3 | 7.5 | 9.8 | 9.0 | 11.8 | 11.7 |
| Denmark | 19.9 | 16.7 | 15.2 | 11.6 | 17.7 | 10.1 | 10.4 | 14.9 | 14.6 | 14.3 |
| Finland | 15.3 | 10.4 | 11.1 | 8.3 | 8.9 | 9.4 | 11.6 | 10.5 | 10.7 | 10.6 |
| Greece | 3.4 | 4.7 | 2.7 | 2.7 | 3.7 | 3.3 | 2.4 | 2.3 | 3.2 | 3.1 |
| France | 12.9 | 13.0 | 11.9 | 9.5 | 7.7 | 8.3 | 7.8 | 6.4 | 9.7 | 9.5 |
| Germany | 13.7 | 13.5 | 8.9 | 7.8 | 10.0 | 9.8 | 9.1 | 9.1 | 10.2 | 10.1 |
| Italy | 14.1 | 16.2 | 19.6 | 14.7 | 13.4 | 16.0 | 12.2 | 10.5 | 14.6 | 14.6 |
| Spain | 26.1 | 17.6 | 15.9 | 13.4 | 13.6 | 14.8 | 13.9 | 11.0 | 15.8 | 15.4 |
| Sweden | 13.0 | 15.9 | 12.4 | 9.4 | 7.4 | 8.0 | 9.8 | 10.0 | 10.7 | 10.6 |
| Portugal | 11.9 | 5.0 | 10.4 | 3.8 | 7.4 | 4.9 | 5.6 | 6.1 | 6.9 | 6.8 |
| United Kingdom | 13.9 | 15.3 | 15.0 | 10.0 | 9.8 | 10.4 | 9.6 | 8.1 | 11.5 | 11.4 |
| Ireland | 18.9 | 9.0 | 6.0 | 3.8 | 2.9 | 4.6 | 6.4 | 4.3 | 7.0 | 6.5 |
| Netherlands | 11.8 | 8.8 | 10.0 | 9.4 | 8.8 | 10.2 | 8.9 | 8.9 | 9.6 | 9.6 |
| Bulgaria | 9.0 | 10.9 | 14.3 | 14.2 | 15.2 | 24.4 | 9.8 | 18.3 | 14.5 | 14.8 |
| Czech Republic | 11.4 | 8.6 | 9.0 | 5.6 | 6.7 | 15.6 | 8.0 | 7.2 | 9.0 | 9.0 |
| Estonia | 18.2 | 13.2 | 13.4 | 14.7 | 11.7 | 13.3 | 15.0 | 11.6 | 13.9 | 13.8 |
| Hungary | 5.1 | 5.1 | 4.9 | 6.5 | 14.6 | 11.3 | 10.0 | 9.0 | 8.3 | 8.9 |
| Latvia | 7.4 | 9.4 | 9.3 | 10.2 | 10.6 | 9.9 | 11.2 | 10.8 | 9.8 | 10.0 |
| Lithuania | 8.8 | 10.6 | 15.0 | 14.6 | 12.2 | 15.4 | 6.5 | 12.9 | 12.0 | 12.2 |
| Poland | | | | 7.7 | 5.9 | 5.9 | 7.1 | | 6.6 | 6.6 |
| Slovak Republic | | | 6.3 | 6.4 | 8.5 | 2.6 | 17.3 | 6.0 | 7.8 | 8.0 |
| Slovenia | | | | | 5.1 | 6.6 | 5.6 | | 5.8 | 5.8 |
| Romania | | | | | 13.7 | 15.3 | 15.4 | | 14.8 | 14.8 |
| Russian Federation | | 6.2 | 6.0 | 6.9 | 3.2 | 13.0 | 9.6 | | 7.5 | 7.0 |
| Croatia | 5.6 | 8.0 | 10.0 | 12.8 | 9.1 | 8.2 | 8.0 | 12.9 | 9.3 | 9.4 |
| Ukraine | | 11.9 | 8.1 | 8.9 | 8.6 | 8.6 | 10.6 | | 9.5 | 9.2 |
| Iceland | | 12.0 | 9.6 | 27.3 | 15.3 | 17.2 | 20.9 | 26.9 | 18.4 | 17.8 |
| Norway | | 13.9 | 14.0 | 13.0 | 13.4 | 17.7 | 11.0 | 8.6 | 13.1 | 13.1 |
| Switzerland | 7.2 | 6.3 | 5.1 | 5.4 | 5.0 | 3.6 | 4.5 | 6.5 | 5.5 | 5.4 |
| country average | 12.6 | 10.9 | 10.7 | 9.9 | 9.6 | 10.5 | 10.1 | 10.0 | 10.5 | 10.3 |
| ratio of totals | 14.1 | 12.1 | 10.9 | 9.1 | 8.9 | 10.7 | 9.7 | 8.9 | 10.6 | |

I.D.4. GROSS JOB DESTRUCTION RATE OF CONTINUING ENTERPRISES IN AMADEUS SAMPLE BY COUNTRY, 1999-2006

| Country | 1999 | 2000 | 2001 | 2002 | 2003 | 2004 | 2005 | 2006 | time average | ratio of time averages |
|--------------------|------|------|------|------|------|------|------|------|--------------|------------------------|
| Austria | 7.4 | 5.8 | 5.3 | 5.4 | 7.2 | 6.7 | 8.0 | 11.5 | 7.2 | 7.3 |
| Belgium | 5.0 | 8.7 | 8.3 | 5.1 | 6.5 | 4.9 | 4.0 | 5.9 | 6.0 | 6.0 |
| Denmark | 4.3 | 5.9 | 5.1 | 8.0 | 5.9 | 4.8 | 3.5 | 2.9 | 5.0 | 5.0 |
| Finland | 4.4 | 4.7 | 4.8 | 6.4 | 5.0 | 5.5 | 4.2 | 4.0 | 4.9 | 4.9 |
| Greece | 1.9 | 0.8 | 0.2 | 0.2 | 0.2 | 0.2 | 0.2 | 0.2 | 0.5 | 0.5 |
| France | 4.5 | 5.5 | 4.7 | 5.1 | 6.5 | 4.7 | 4.9 | 4.4 | 5.0 | 5.1 |
| Germany | 6.8 | 6.4 | 6.6 | 6.1 | 6.2 | 7.5 | 7.0 | 6.6 | 6.7 | 6.6 |
| Italy | 7.4 | 10.0 | 12.6 | 8.0 | 10.4 | 9.5 | 8.4 | 4.9 | 8.9 | 9.0 |
| Spain | 18.7 | 17.8 | 8.3 | 7.2 | 6.5 | 5.8 | 5.7 | 5.5 | 9.4 | 8.8 |
| Sweden | 6.1 | 4.6 | 5.6 | 7.6 | 5.6 | 5.7 | 4.2 | 3.7 | 5.4 | 5.4 |
| Portugal | 6.1 | 7.9 | 3.1 | 5.0 | 4.5 | 3.6 | 5.4 | 3.0 | 4.8 | 4.8 |
| United Kingdom | 7.0 | 6.5 | 7.2 | 7.7 | 6.7 | 6.8 | 7.2 | 6.5 | 7.0 | 7.0 |
| Ireland | 10.2 | 4.0 | 1.7 | 1.5 | 0.8 | 0.8 | 1.0 | 0.9 | 2.6 | 2.3 |
| Netherlands | 5.3 | 9.3 | 7.0 | 7.4 | 6.1 | 6.7 | 6.5 | 4.6 | 6.6 | 6.6 |
| Bulgaria | 14.4 | 15.8 | 15.6 | 11.8 | 17.6 | 14.0 | 19.1 | 7.1 | 14.4 | 14.6 |
| Czech Republic | 8.8 | 8.0 | 5.4 | 1.9 | 2.4 | 6.7 | 10.5 | 9.5 | 6.7 | 6.7 |
| Estonia | 8.1 | 9.0 | 9.8 | 8.4 | 7.0 | 6.6 | 6.8 | 7.2 | 7.8 | 7.8 |
| Hungary | 7.5 | 7.9 | 12.1 | 18.9 | 3.9 | 3.7 | 4.8 | 4.3 | 7.9 | 7.4 |
| Latvia | 5.8 | 7.6 | 4.1 | 6.1 | 3.2 | 5.0 | 5.8 | 5.9 | 5.4 | 5.4 |
| Lithuania | 8.8 | 8.5 | 5.9 | 7.7 | 4.4 | 11.6 | 22.0 | 6.0 | 9.3 | 9.3 |
| Poland | | | | 9.1 | 3.4 | 3.2 | 3.1 | | 4.7 | 2.3 |
| Slovak Republic | | | 1.2 | 4.9 | 6.7 | 4.3 | 24.6 | 2.6 | 7.4 | 5.9 |
| Slovenia | | | | | 6.6 | 4.6 | 4.2 | | 5.1 | 1.9 |
| Romania | | | | | 11.2 | 10.7 | 11.3 | | 11.1 | 4.2 |
| Russian Federation | | 5.9 | 5.8 | 10.6 | 16.7 | 16.8 | 7.0 | | 10.5 | 7.6 |
| Croatia | 8.6 | 6.5 | 7.1 | 8.4 | 5.8 | 5.3 | 4.9 | 3.8 | 6.3 | 6.2 |
| Ukraine | | 13.4 | 11.3 | 10.9 | 12.6 | 12.2 | 11.3 | | 11.9 | 8.9 |
| Iceland | | 3.1 | 5.1 | 8.0 | 3.8 | 3.0 | 3.3 | 2.3 | 4.1 | 3.8 |
| Norway | | 9.0 | 8.2 | 8.9 | 11.9 | 10.2 | 4.5 | 5.5 | 8.3 | 7.3 |
| Switzerland | 2.8 | 2.6 | 2.9 | 4.3 | 3.8 | 2.9 | 5.3 | 1.4 | 3.3 | 3.3 |
| country average | 7.3 | 7.5 | 6.5 | 7.2 | 6.6 | 6.5 | 7.3 | 4.8 | 6.7 | 6.7 |
| ratio of totals | 7.2 | 7.4 | 6.9 | 7.6 | 8.4 | 8.0 | 7.0 | 5.5 | 7.2 | |

I.D.5. GROSS JOB DESTRUCTION RATE OF EXITING ENTERPRISES IN AMADEUS SAMPLE BY COUNTRY, 1999-2006

| Country | 1999 | 2000 | 2001 | 2002 | 2003 | 2004 | 2005 | 2006 | time average | ratio of time averages |
|--------------------|------|------|------|------|------|------|------|------|--------------|------------------------|
| Austria | 0.4 | 2.0 | 1.1 | 4.5 | 3.2 | 2.7 | 8.1 | 8.5 | 3.8 | 4.2 |
| Belgium | 0.0 | 0.8 | 1.7 | 1.7 | 1.4 | 1.4 | 6.1 | 11.1 | 3.0 | 3.0 |
| Denmark | 0.8 | 0.1 | 1.9 | 10.0 | 1.4 | 1.6 | 1.9 | 1.3 | 2.4 | 2.5 |
| Finland | 0.0 | 0.0 | 0.1 | 2.4 | 3.4 | 4.5 | 4.5 | 4.5 | 2.4 | 2.6 |
| Greece | 0.2 | 0.2 | 0.7 | 2.9 | 1.9 | 4.3 | 3.8 | 4.5 | 2.3 | 2.4 |
| France | 0.3 | 0.6 | 2.0 | 2.1 | 2.1 | 2.7 | 6.6 | 10.6 | 3.4 | 3.5 |
| Germany | 0.3 | 1.0 | 1.7 | 2.3 | 7.1 | 8.5 | 9.8 | 19.5 | 6.3 | 6.1 |
| Italy | 2.0 | 2.7 | 2.3 | 2.0 | 7.2 | 6.2 | 5.5 | 6.7 | 4.3 | 4.4 |
| Spain | 2.1 | 2.2 | 2.4 | 2.0 | 2.6 | 3.8 | 5.8 | 11.5 | 4.1 | 4.3 |
| Sweden | 0.2 | 0.3 | 1.2 | 2.0 | 2.3 | 2.1 | 4.8 | 5.6 | 2.3 | 2.4 |
| Portugal | 0.5 | 0.4 | 1.0 | 0.2 | 0.8 | 0.3 | 2.6 | 4.1 | 1.2 | 1.3 |
| United Kingdom | 1.5 | 1.8 | 1.9 | 2.3 | 2.4 | 2.9 | 2.4 | 4.7 | 2.5 | 2.5 |
| Ireland | 1.9 | 1.1 | 2.4 | 7.6 | 4.6 | 8.8 | 5.7 | 12.9 | 5.6 | 5.6 |
| Netherlands | 3.5 | 3.2 | 3.0 | 4.2 | 3.2 | 4.1 | 7.7 | 7.5 | 4.5 | 4.6 |
| Bulgaria | 0.6 | 0.2 | 0.4 | 0.3 | 0.4 | 1.0 | 0.3 | 2.1 | 0.7 | 0.7 |
| Czech Republic | 0.6 | 0.8 | 2.8 | 2.6 | 2.8 | 4.9 | 7.9 | 18.8 | 5.2 | 5.6 |
| Estonia | 0.5 | 0.7 | 2.9 | 3.0 | 2.3 | 2.1 | 1.9 | 4.8 | 2.3 | 2.4 |
| Hungary | 0.0 | 0.5 | 1.3 | 1.7 | 2.4 | 2.8 | 2.5 | 2.9 | 1.8 | 2.0 |
| Latvia | 0.3 | 2.2 | 2.8 | 2.2 | 4.5 | 3.1 | 10.0 | 8.3 | 4.2 | 4.5 |
| Lithuania | 2.1 | 5.2 | 4.8 | 4.6 | 15.3 | 25.7 | 10.6 | 12.1 | 10.1 | 10.8 |
| Poland | | | | 0.0 | 4.2 | 2.8 | 5.0 | | 3.0 | 3.0 |
| Slovak Republic | | | 1.3 | 5.8 | 1.9 | 6.3 | 13.6 | 23.7 | 8.8 | 9.0 |
| Slovenia | | | | | 15.1 | 4.2 | 9.7 | | 9.7 | 9.6 |
| Romania | | | | | 0.7 | 4.7 | 1.8 | | 2.4 | 2.4 |
| Russian Federation | | 0.6 | 1.0 | 3.4 | 5.7 | 20.5 | 2.2 | | 5.6 | 4.8 |
| Croatia | 0.1 | 0.3 | 0.9 | 1.2 | 0.7 | 2.5 | 0.6 | 10.6 | 2.1 | 2.2 |
| Ukraine | | 2.5 | 0.9 | 1.2 | 3.0 | 3.1 | 1.1 | | 2.0 | 2.0 |
| Iceland | | 1.6 | 3.2 | 11.4 | 6.1 | 1.0 | 1.2 | 6.8 | 4.5 | 4.5 |
| Norway | | 0.0 | 5.6 | 3.1 | 3.0 | 3.2 | 4.0 | 12.0 | 4.4 | 4.5 |
| Switzerland | 0.2 | 0.3 | 4.8 | 1.0 | 1.4 | 1.8 | 2.4 | 5.3 | 2.1 | 2.2 |
| country average | 0.8 | 1.2 | 2.1 | 3.1 | 3.8 | 4.8 | 5.0 | 8.8 | 3.7 | 4.0 |
| ratio of totals | 1.0 | 1.3 | 1.8 | 2.5 | 4.0 | 6.1 | 5.2 | 10.1 | 4.0 | |

I.D.6. GROSS JOB DESTRUCTION RATE OF TOTAL ENTERPRISES IN AMADEUS SAMPLE BY COUNTRY, 1999-2006

| Country | 1999 | 2000 | 2001 | 2002 | 2003 | 2004 | 2005 | 2006 | time average | ratio of time averages |
|--------------------|------|------|------|------|------|------|------|------|--------------|------------------------|
| Austria | 7.9 | 7.7 | 6.5 | 9.9 | 10.5 | 9.4 | 16.0 | 19.9 | 11.0 | 11.4 |
| Belgium | 5.0 | 9.6 | 10.0 | 6.8 | 7.9 | 6.3 | 10.2 | 17.0 | 9.1 | 9.0 |
| Denmark | 5.0 | 5.9 | 7.0 | 18.0 | 7.4 | 6.4 | 5.4 | 4.1 | 7.4 | 7.5 |
| Finland | 4.4 | 4.8 | 4.9 | 8.8 | 8.4 | 9.9 | 8.6 | 8.5 | 7.3 | 7.5 |
| Greece | 2.1 | 1.0 | 0.9 | 3.1 | 2.0 | 4.6 | 4.0 | 4.7 | 2.8 | 2.8 |
| France | 4.8 | 6.0 | 6.7 | 7.2 | 8.7 | 7.4 | 11.5 | 15.0 | 8.4 | 8.5 |
| Germany | 7.1 | 7.4 | 8.3 | 8.4 | 13.3 | 16.0 | 16.8 | 26.1 | 12.9 | 12.8 |
| Italy | 9.4 | 12.8 | 14.9 | 10.0 | 17.5 | 15.7 | 13.9 | 11.6 | 13.2 | 13.3 |
| Spain | 20.8 | 20.0 | 10.7 | 9.2 | 9.1 | 9.6 | 11.5 | 17.0 | 13.5 | 13.1 |
| Sweden | 6.3 | 5.0 | 6.8 | 9.7 | 7.9 | 7.8 | 9.0 | 9.4 | 7.7 | 7.8 |
| Portugal | 6.6 | 8.3 | 4.0 | 5.2 | 5.3 | 3.9 | 8.0 | 7.1 | 6.1 | 6.0 |
| United Kingdom | 8.5 | 8.4 | 9.1 | 10.0 | 9.1 | 9.7 | 9.6 | 11.2 | 9.5 | 9.5 |
| Ireland | 12.2 | 5.1 | 4.1 | 9.1 | 5.3 | 9.7 | 6.8 | 13.8 | 8.2 | 8.0 |
| Netherlands | 8.8 | 12.5 | 10.0 | 11.6 | 9.3 | 10.7 | 14.2 | 12.1 | 11.2 | 11.2 |
| Bulgaria | 15.0 | 15.9 | 16.0 | 12.1 | 18.0 | 15.0 | 19.5 | 9.2 | 15.1 | 15.2 |
| Czech Republic | 9.4 | 8.8 | 8.2 | 4.6 | 5.3 | 11.5 | 18.4 | 28.3 | 11.8 | 12.3 |
| Estonia | 8.6 | 9.7 | 12.7 | 11.4 | 9.3 | 8.7 | 8.7 | 11.9 | 10.1 | 10.1 |
| Hungary | 7.5 | 8.4 | 13.4 | 20.6 | 6.3 | 6.5 | 7.3 | 7.2 | 9.7 | 9.4 |
| Latvia | 6.1 | 9.8 | 6.9 | 8.3 | 7.7 | 8.1 | 15.7 | 14.2 | 9.6 | 9.9 |
| Lithuania | 10.9 | 13.6 | 10.7 | 12.3 | 19.7 | 37.3 | 32.6 | 18.1 | 19.4 | 20.1 |
| Poland | | | | 9.1 | 7.6 | 6.0 | 8.1 | | 7.7 | 5.4 |
| Slovak Republic | | | 2.5 | 10.7 | 8.6 | 10.7 | 38.2 | 26.2 | 16.1 | 14.9 |
| Slovenia | | | | | 21.7 | 8.8 | 13.9 | | 14.8 | 11.5 |
| Romania | | | | | 11.9 | 15.4 | 13.1 | | 13.5 | 6.6 |
| Russian Federation | | 6.5 | 6.9 | 14.0 | 22.4 | 37.4 | 9.1 | | 16.0 | 12.4 |
| Croatia | 8.8 | 6.8 | 8.0 | 9.6 | 6.4 | 7.8 | 5.6 | 14.5 | 8.4 | 8.5 |
| Ukraine | | 15.9 | 12.1 | 12.1 | 15.6 | 15.3 | 12.4 | | 13.9 | 10.9 |
| Iceland | | 4.7 | 8.3 | 19.4 | 9.9 | 4.0 | 4.5 | 9.1 | 8.6 | 8.3 |
| Norway | | 9.0 | 13.7 | 12.1 | 15.0 | 13.4 | 8.5 | 17.5 | 12.7 | 11.7 |
| Switzerland | 3.0 | 2.9 | 7.7 | 5.3 | 5.2 | 4.7 | 7.7 | 6.7 | 5.4 | 5.5 |
| country average | 8.1 | 8.7 | 8.6 | 10.3 | 10.4 | 11.3 | 12.3 | 13.6 | 10.4 | 10.7 |
| ratio of totals | 8.2 | 8.6 | 8.6 | 10.1 | 12.4 | 14.1 | 12.1 | 15.5 | 11.2 | |

I.D.7. NET JOB CREATION RATE OF CONTINUING ENTERPRISES IN AMADEUS SAMPLE BY COUNTRY, 1999-2006

| Country | 1999 | 2000 | 2001 | 2002 | 2003 | 2004 | 2005 | 2006 | time average | ratio of time averages |
|--------------------|------|------|------|-------|-------|------|-------|------|--------------|------------------------|
| Austria | -2.3 | -0.4 | -1.9 | 0.8 | -0.1 | 0.2 | 4.0 | -5.3 | -0.6 | -0.5 |
| Belgium | 8.8 | 2.7 | 10.2 | 4.1 | 0.1 | 0.9 | 4.6 | 2.2 | 4.2 | 4.1 |
| Denmark | 8.5 | 6.7 | 8.0 | -0.1 | 9.2 | 2.6 | 4.4 | 10.8 | 6.2 | 6.2 |
| Finland | 5.3 | 3.7 | 3.5 | 0.5 | 1.7 | 1.0 | 3.0 | 5.6 | 3.0 | 3.0 |
| Greece | -0.6 | 1.3 | 0.2 | 0.6 | 0.3 | 1.1 | 1.0 | 0.3 | 0.5 | 0.5 |
| France | 7.4 | 5.8 | 5.6 | 3.2 | 0.2 | 2.5 | 1.8 | 1.6 | 3.5 | 3.3 |
| Germany | 3.4 | 4.8 | 0.7 | 0.4 | 2.6 | 1.3 | 1.1 | 1.6 | 2.0 | 1.9 |
| Italy | 4.8 | 4.3 | 3.2 | 4.4 | 2.5 | 4.5 | 2.0 | 5.2 | 3.8 | 3.8 |
| Spain | 4.8 | -2.6 | 4.1 | 3.4 | 5.3 | 7.1 | 6.3 | 5.4 | 4.2 | 4.5 |
| Sweden | 4.1 | 8.3 | 3.9 | -0.3 | 0.5 | 0.4 | 2.3 | 4.5 | 3.0 | 2.8 |
| Portugal | 5.7 | -3.0 | 7.2 | -1.7 | 1.7 | 0.9 | 0.0 | 3.1 | 1.7 | 1.7 |
| United Kingdom | 1.0 | 2.2 | 1.5 | -1.0 | -0.6 | -0.1 | -0.7 | 0.1 | 0.3 | 0.2 |
| Ireland | 2.4 | 2.0 | 2.0 | 0.3 | 0.9 | 2.4 | 4.1 | 3.3 | 2.2 | 2.1 |
| Netherlands | 4.5 | -2.1 | 0.6 | -0.6 | 0.8 | 1.4 | 1.3 | 4.2 | 1.3 | 1.3 |
| Bulgaria | -7.4 | -6.5 | -2.0 | 2.0 | -3.0 | 9.6 | -9.5 | 11.0 | -0.7 | -0.5 |
| Czech Republic | -3.5 | -3.2 | 0.3 | 0.7 | 3.3 | 7.7 | -3.2 | -2.5 | -0.1 | 0.3 |
| Estonia | 0.3 | 0.3 | 0.5 | 2.4 | 2.2 | 3.9 | 5.1 | 2.8 | 2.2 | 2.3 |
| Hungary | -2.9 | -3.0 | -7.5 | -13.2 | 10.6 | 7.5 | 5.2 | 4.6 | 0.2 | 1.4 |
| Latvia | 0.1 | -0.2 | 3.0 | 2.0 | 5.6 | 3.9 | 3.6 | 4.5 | 2.8 | 3.0 |
| Lithuania | -2.4 | 0.7 | 6.9 | 1.9 | 6.1 | 2.0 | -17.0 | 6.5 | 0.6 | 0.8 |
| Poland | | | | -3.3 | 1.4 | 1.5 | 3.3 | | 0.7 | 3.1 |
| Slovak Republic | | | 1.4 | -1.6 | 0.9 | -2.0 | -12.0 | 3.2 | -1.7 | 0.0 |
| Slovenia | | | | | -1.5 | 2.0 | 1.4 | | 0.6 | 3.8 |
| Romania | | | | | -0.7 | 0.2 | 1.1 | | 0.2 | 7.2 |
| Russian Federation | | | -0.5 | -4.5 | -13.5 | -3.9 | 2.6 | | -4.0 | -1.0 |
| Croatia | -3.9 | 0.5 | 1.4 | 1.1 | 1.9 | 1.8 | 2.3 | 4.3 | 1.2 | 1.3 |
| Ukraine | | -5.4 | -3.7 | -2.1 | -5.6 | -4.3 | -1.1 | | -3.7 | -0.6 |
| Iceland | | 7.6 | 4.2 | 17.6 | 9.3 | 12.5 | 16.5 | 24.6 | 13.2 | 13.0 |
| Norway | | 0.5 | 1.5 | -1.6 | -1.7 | 3.2 | 3.0 | 2.2 | 1.0 | 2.1 |
| Switzerland | 3.6 | 3.0 | 1.4 | 0.6 | 0.9 | 0.3 | -1.2 | 4.9 | 1.7 | 1.6 |
| country average | 1.9 | 1.1 | 2.1 | 0.6 | 1.4 | 2.4 | 1.2 | 4.3 | 1.9 | 1.7 |
| ratio of totals | 3.6 | 2.1 | 1.6 | -0.2 | -1.0 | 1.1 | 1.3 | 2.6 | 1.4 | |

I.D.8. NET JOB CREATION RATE OF ENTERING AND EXITING ENTERPRISES IN AMADEUS SAMPLE BY COUNTRY, 1999-2006

| Country | 1999 | 2000 | 2001 | 2002 | 2003 | 2004 | 2005 | 2006 | time average | ratio of time averages |
|--------------------|------|------|------|------|-------|-------|------|-------|--------------|------------------------|
| Austria | 7.8 | 1.2 | 0.6 | -2.7 | -1.7 | -1.4 | -6.1 | -7.0 | -1.2 | -1.8 |
| Belgium | 2.9 | 0.7 | -0.2 | -0.6 | 0.2 | 0.3 | -5.0 | -10.2 | -1.5 | -1.4 |
| Denmark | 6.4 | 4.1 | 0.3 | -6.4 | 1.1 | 1.2 | 0.6 | 0.0 | 0.9 | 0.6 |
| Finland | 5.7 | 1.9 | 2.7 | -1.1 | -1.2 | -1.6 | 0.0 | -3.6 | 0.4 | 0.1 |
| Greece | 1.8 | 2.3 | 1.7 | -0.9 | 1.4 | -2.3 | -2.6 | -2.7 | -0.2 | -0.2 |
| France | 0.7 | 1.1 | -0.4 | -0.9 | -1.1 | -1.6 | -5.5 | -10.2 | -2.2 | -2.4 |
| Germany | 3.2 | 1.2 | -0.1 | -1.0 | -5.9 | -7.5 | -8.8 | -18.6 | -4.7 | -4.5 |
| Italy | -0.2 | -0.8 | 1.6 | 0.3 | -6.6 | -4.2 | -3.7 | -6.3 | -2.5 | -2.5 |
| Spain | 0.5 | 0.3 | 1.2 | 0.8 | -0.8 | -1.8 | -4.0 | -11.4 | -1.9 | -2.2 |
| Sweden | 2.6 | 2.7 | 1.7 | 0.1 | -1.0 | -0.2 | -1.5 | -3.9 | 0.1 | -0.1 |
| Portugal | -0.4 | -0.2 | -0.9 | 0.3 | 0.4 | 0.1 | -2.3 | -4.1 | -0.9 | -0.9 |
| United Kingdom | 4.4 | 4.8 | 4.4 | 1.0 | 1.3 | 0.8 | 0.8 | -3.2 | 1.8 | 1.7 |
| Ireland | 4.4 | 1.9 | -0.1 | -5.6 | -3.3 | -7.5 | -4.4 | -12.7 | -3.4 | -3.6 |
| Netherlands | -1.6 | -1.6 | -0.7 | -1.5 | -1.3 | -2.0 | -6.7 | -7.4 | -2.9 | -2.9 |
| Bulgaria | 1.5 | 1.4 | 0.2 | 0.1 | 0.2 | -0.2 | -0.2 | -1.9 | 0.2 | 0.1 |
| Czech Republic | 5.4 | 3.0 | 0.5 | 0.4 | -1.9 | -3.6 | -7.3 | -18.6 | -2.8 | -3.5 |
| Estonia | 9.3 | 3.2 | 0.2 | 0.9 | 0.2 | 0.7 | 1.1 | -3.2 | 1.6 | 1.3 |
| Hungary | 0.5 | -0.3 | -1.0 | -0.9 | -2.4 | -2.6 | -2.5 | -2.9 | -1.5 | -1.8 |
| Latvia | 1.2 | -0.2 | -0.5 | -0.1 | -2.7 | -2.1 | -8.1 | -7.8 | -2.5 | -2.9 |
| Lithuania | 0.3 | -3.7 | -2.6 | 0.4 | -13.6 | -23.9 | -9.1 | -11.7 | -8.0 | -8.7 |
| Poland | | | | 1.8 | -3.1 | -1.6 | -4.3 | 0.0 | -1.4 | -1.8 |
| Slovak Republic | | | 2.5 | -2.7 | -1.0 | -6.1 | -8.9 | -23.5 | -6.6 | -7.0 |
| Slovenia | | | | | -15.1 | -4.2 | -9.7 | | -9.7 | -9.6 |
| Romania | | | | | 2.4 | -0.3 | 1.2 | | 1.1 | 1.1 |
| Russian Federation | | -0.3 | -0.4 | -2.5 | -5.6 | -20.5 | -2.1 | | -5.2 | -4.4 |
| Croatia | 0.7 | 0.8 | 0.6 | 2.0 | 0.8 | -1.5 | 0.2 | -5.9 | -0.3 | -0.4 |
| Ukraine | | 1.4 | -0.4 | -1.1 | -1.4 | -2.4 | -0.7 | | -0.8 | -1.0 |
| Iceland | | -0.3 | -2.9 | -9.7 | -3.9 | 0.7 | -0.1 | -6.7 | -3.3 | -3.4 |
| Norway | | 4.4 | -1.3 | 2.5 | 0.1 | 1.1 | -0.5 | -11.1 | -0.7 | -0.7 |
| Switzerland | 0.6 | 0.5 | -4.0 | -0.5 | -1.0 | -1.4 | -2.0 | -5.1 | -1.6 | -1.7 |
| country average | 2.6 | 1.1 | 0.1 | -1.0 | -2.2 | -3.2 | -3.4 | -7.7 | -1.7 | -2.1 |
| ratio of totals | 2.3 | 1.3 | 0.6 | -0.8 | -2.5 | -4.5 | -3.7 | -9.3 | -2.0 | |

I.D.9. NET JOB CREATION RATE OF TOTAL ENTERPRISES IN AMADEUS SAMPLE BY COUNTRY, 1999-2006

| Country | 1999 | 2000 | 2001 | 2002 | 2003 | 2004 | 2005 | 2006 | time average | ratio of time averages |
|--------------------|------|------|------|-------|-------|-------|-------|-------|--------------|------------------------|
| Austria | 5.5 | 0.8 | -1.3 | -1.8 | -1.8 | -1.2 | -2.1 | -12.3 | -1.8 | -2.3 |
| Belgium | 11.8 | 3.4 | 10.0 | 3.5 | 0.4 | 1.2 | -0.4 | -8.0 | 2.7 | 2.7 |
| Denmark | 14.9 | 10.8 | 8.2 | -6.4 | 10.3 | 3.7 | 5.0 | 10.8 | 7.1 | 6.8 |
| Finland | 10.9 | 5.6 | 6.2 | -0.5 | 0.5 | -0.6 | 3.0 | 2.0 | 3.4 | 3.1 |
| Greece | 1.3 | 3.6 | 1.8 | -0.3 | 1.7 | -1.2 | -1.6 | -2.4 | 0.4 | 0.3 |
| France | 8.1 | 6.9 | 5.2 | 2.3 | -0.9 | 0.9 | -3.7 | -8.6 | 1.3 | 1.0 |
| Germany | 6.6 | 6.0 | 0.5 | -0.6 | -3.3 | -6.2 | -7.7 | -17.0 | -2.7 | -2.6 |
| Italy | 4.6 | 3.5 | 4.7 | 4.7 | -4.1 | 0.3 | -1.7 | -1.1 | 1.4 | 1.3 |
| Spain | 5.3 | -2.4 | 5.3 | 4.2 | 4.5 | 5.2 | 2.4 | -6.0 | 2.3 | 2.2 |
| Sweden | 6.8 | 11.0 | 5.6 | -0.2 | -0.5 | 0.2 | 0.8 | 0.6 | 3.0 | 2.8 |
| Portugal | 5.3 | -3.3 | 6.4 | -1.3 | 2.1 | 0.9 | -2.3 | -1.0 | 0.8 | 0.8 |
| United Kingdom | 5.4 | 7.0 | 5.9 | 0.0 | 0.7 | 0.7 | 0.0 | -3.2 | 2.1 | 2.0 |
| Ireland | 6.7 | 3.9 | 1.9 | -5.3 | -2.5 | -5.1 | -0.4 | -9.5 | -1.3 | -1.4 |
| Netherlands | 2.9 | -3.7 | -0.1 | -2.1 | -0.5 | -0.5 | -5.3 | -3.2 | -1.6 | -1.6 |
| Bulgaria | -6.0 | -5.1 | -1.8 | 2.1 | -2.8 | 9.4 | -9.6 | 9.1 | -0.6 | -0.4 |
| Czech Republic | 2.0 | -0.2 | 0.8 | 1.1 | 1.4 | 4.1 | -10.5 | -21.1 | -2.8 | -3.3 |
| Estonia | 9.5 | 3.6 | 0.7 | 3.3 | 2.4 | 4.6 | 6.2 | -0.4 | 3.8 | 3.6 |
| Hungary | -2.4 | -3.3 | -8.5 | -14.1 | 8.2 | 4.9 | 2.7 | 1.7 | -1.4 | -0.4 |
| Latvia | 1.3 | -0.4 | 2.4 | 1.9 | 2.9 | 1.8 | -4.5 | -3.4 | 0.3 | 0.1 |
| Lithuania | -2.1 | -3.0 | 4.3 | 2.3 | -7.5 | -21.9 | -26.1 | -5.2 | -7.4 | -7.9 |
| Poland | | | | -1.5 | -1.7 | -0.1 | -1.0 | | -1.1 | 1.3 |
| Slovak Republic | | | 3.8 | -4.3 | -0.1 | -8.1 | -20.9 | -20.3 | -8.3 | -7.0 |
| Slovenia | | | | | -16.6 | -2.2 | -8.3 | | -9.0 | -5.8 |
| Romania | | | | | 1.8 | -0.1 | 2.3 | | 1.3 | 8.2 |
| Russian Federation | | -0.4 | -0.9 | -7.1 | -19.2 | -24.4 | 0.4 | | -8.6 | -5.3 |
| Croatia | -3.2 | 1.3 | 2.0 | 3.2 | 2.7 | 0.3 | 2.4 | -1.6 | 0.9 | 0.9 |
| Ukraine | | -4.0 | -4.1 | -3.2 | -7.0 | -6.6 | -1.8 | | -4.5 | -1.6 |
| Iceland | | 7.3 | 1.3 | 7.9 | 5.3 | 13.2 | 16.4 | 17.9 | 9.9 | 9.5 |
| Norway | | 4.9 | 0.3 | 0.9 | -1.6 | 4.3 | 2.5 | -8.9 | 0.3 | 1.4 |
| Switzerland | 4.2 | 3.4 | -2.6 | 0.1 | -0.2 | -1.1 | -3.2 | -0.2 | 0.1 | -0.1 |
| country average | 4.5 | 2.2 | 2.2 | -0.4 | -0.8 | -0.8 | -2.2 | -3.7 | 0.1 | -0.4 |
| ratio of totals | 5.9 | 3.4 | 2.3 | -1.0 | -3.5 | -3.4 | -2.4 | -6.7 | -0.7 | |

I.D.10. GROSS JOB REALLOCATION RATE OF CONTINUING ENTERPRISES IN AMADEUS SAMPLE BY COUNTRY, 1999-2006

| Country | 1999 | 2000 | 2001 | 2002 | 2003 | 2004 | 2005 | 2006 | time average | ratio of time averages |
|--------------------|------|------|------|------|------|------|------|------|--------------|------------------------|
| Austria | 12.6 | 11.1 | 8.8 | 11.6 | 14.4 | 13.6 | 19.9 | 17.7 | 13.7 | 14.1 |
| Belgium | 18.8 | 20.2 | 26.8 | 14.3 | 13.2 | 10.6 | 12.7 | 14.0 | 16.3 | 16.2 |
| Denmark | 17.0 | 18.4 | 18.1 | 16.0 | 21.1 | 12.2 | 11.4 | 16.5 | 16.3 | 16.2 |
| Finland | 14.1 | 13.2 | 13.1 | 13.3 | 11.7 | 11.9 | 11.3 | 13.6 | 12.8 | 12.7 |
| Greece | 3.2 | 3.0 | 0.5 | 1.0 | 0.7 | 1.5 | 1.3 | 0.8 | 1.5 | 1.5 |
| France | 16.4 | 16.7 | 15.0 | 13.5 | 13.3 | 11.8 | 11.6 | 10.4 | 13.6 | 13.4 |
| Germany | 17.0 | 17.7 | 13.9 | 12.6 | 15.0 | 16.3 | 15.1 | 14.8 | 15.3 | 15.2 |
| Italy | 19.7 | 24.3 | 28.4 | 20.5 | 23.2 | 23.5 | 18.8 | 15.0 | 21.7 | 21.8 |
| Spain | 42.2 | 33.0 | 20.7 | 17.7 | 18.2 | 18.7 | 17.8 | 16.4 | 23.1 | 22.2 |
| Sweden | 16.3 | 17.5 | 15.2 | 15.0 | 11.7 | 11.8 | 10.6 | 11.9 | 13.8 | 13.6 |
| Portugal | 17.8 | 12.8 | 13.3 | 8.3 | 10.7 | 8.1 | 10.7 | 9.1 | 11.4 | 11.2 |
| United Kingdom | 15.0 | 15.2 | 15.9 | 14.4 | 12.9 | 13.5 | 13.6 | 13.1 | 14.2 | 14.2 |
| Ireland | 22.9 | 10.0 | 5.4 | 3.3 | 2.4 | 4.1 | 6.1 | 5.0 | 7.4 | 6.8 |
| Netherlands | 15.1 | 16.6 | 14.7 | 14.2 | 13.0 | 14.8 | 14.4 | 13.5 | 14.5 | 14.5 |
| Bulgaria | 21.4 | 25.0 | 29.3 | 25.5 | 32.2 | 37.6 | 28.8 | 25.3 | 28.1 | 28.6 |
| Czech Republic | 14.1 | 12.8 | 11.0 | 4.6 | 8.2 | 21.0 | 17.8 | 16.6 | 13.3 | 13.6 |
| Estonia | 16.5 | 18.3 | 20.0 | 19.1 | 16.2 | 17.0 | 18.7 | 17.2 | 17.9 | 17.9 |
| Hungary | 12.0 | 12.9 | 16.7 | 24.5 | 18.4 | 14.9 | 14.8 | 13.2 | 15.9 | 16.1 |
| Latvia | 11.7 | 15.0 | 11.2 | 14.1 | 12.0 | 13.9 | 15.1 | 16.2 | 13.7 | 13.8 |
| Lithuania | 15.2 | 17.6 | 18.6 | 17.3 | 14.8 | 25.1 | 26.9 | 18.6 | 19.3 | 19.3 |
| Poland | | | | 14.9 | 8.2 | 7.8 | 9.5 | | 10.1 | 7.7 |
| Slovak Republic | | | 3.8 | 8.3 | 14.2 | 6.7 | 37.2 | 8.4 | 13.1 | 11.8 |
| Slovenia | | | | | 11.7 | 11.3 | 9.7 | | 10.9 | 7.7 |
| Romania | | | | | 21.8 | 21.6 | 23.7 | | 22.4 | 15.5 |
| Russian Federation | | 11.8 | 11.2 | 16.7 | 19.9 | 29.8 | 16.5 | | 17.6 | 14.2 |
| Croatia | 13.4 | 13.5 | 15.7 | 17.9 | 13.4 | 12.5 | 12.2 | 11.9 | 13.8 | 13.8 |
| Ukraine | | 21.3 | 18.9 | 19.7 | 19.5 | 20.1 | 21.4 | | 20.2 | 17.1 |
| Iceland | | 13.8 | 14.4 | 33.6 | 16.9 | 18.5 | 23.1 | 29.3 | 21.4 | 20.5 |
| Norway | | 18.5 | 17.8 | 16.3 | 22.1 | 23.5 | 12.0 | 13.2 | 17.6 | 16.6 |
| Switzerland | 9.2 | 8.2 | 7.3 | 9.2 | 8.4 | 6.1 | 9.4 | 7.8 | 8.2 | 8.2 |
| country average | 16.4 | 16.1 | 15.0 | 14.9 | 14.6 | 15.3 | 15.7 | 14.0 | 15.3 | 15.2 |
| ratio of totals | 18.0 | 16.9 | 15.4 | 15.0 | 15.8 | 17.0 | 15.2 | 13.6 | 15.9 | |

I.D.11. GROSS JOB REALLOCATION RATE OF ENTERING AND EXITING ENTERPRISES IN AMADEUS SAMPLE BY COUNTRY, 1999-2006

| Country | 1999 | 2000 | 2001 | 2002 | 2003 | 2004 | 2005 | 2006 | time average | ratio of time averages |
|--------------------|------|------|------|------|------|------|------|------|--------------|------------------------|
| Austria | 8.7 | 5.2 | 2.9 | 6.3 | 4.8 | 4.0 | 10.0 | 9.9 | 6.5 | 6.5 |
| Belgium | 3.0 | 2.4 | 3.1 | 2.8 | 3.0 | 3.1 | 7.3 | 12.0 | 4.6 | 4.5 |
| Denmark | 7.9 | 4.3 | 4.0 | 13.6 | 4.0 | 4.3 | 4.4 | 2.5 | 5.6 | 5.5 |
| Finland | 5.7 | 2.0 | 2.8 | 3.8 | 5.7 | 7.4 | 8.9 | 5.4 | 5.2 | 5.3 |
| Greece | 2.3 | 2.7 | 3.0 | 4.8 | 5.1 | 6.4 | 5.1 | 6.2 | 4.4 | 4.5 |
| France | 1.3 | 2.3 | 3.5 | 3.2 | 3.2 | 3.9 | 7.7 | 10.9 | 4.5 | 4.6 |
| Germany | 3.8 | 3.2 | 3.3 | 3.6 | 8.3 | 9.5 | 10.8 | 20.4 | 7.9 | 7.7 |
| Italy | 3.8 | 4.7 | 6.2 | 4.3 | 7.7 | 8.2 | 7.3 | 7.2 | 6.2 | 6.2 |
| Spain | 4.7 | 4.7 | 5.9 | 4.9 | 4.5 | 5.7 | 7.7 | 11.6 | 6.2 | 6.4 |
| Sweden | 3.0 | 3.4 | 4.1 | 4.1 | 3.6 | 3.9 | 8.2 | 7.4 | 4.7 | 4.8 |
| Portugal | 0.6 | 0.5 | 1.1 | 0.6 | 2.1 | 0.8 | 2.9 | 4.1 | 1.6 | 1.6 |
| United Kingdom | 7.4 | 8.4 | 8.1 | 5.6 | 6.0 | 6.6 | 5.6 | 6.2 | 6.8 | 6.7 |
| Ireland | 8.2 | 4.1 | 4.7 | 9.6 | 5.8 | 10.1 | 7.0 | 13.1 | 7.8 | 7.7 |
| Netherlands | 5.5 | 4.8 | 5.3 | 6.8 | 5.0 | 6.1 | 8.7 | 7.6 | 6.2 | 6.3 |
| Bulgaria | 2.7 | 1.8 | 1.0 | 0.8 | 1.0 | 1.8 | 0.5 | 2.3 | 1.5 | 1.4 |
| Czech Republic | 6.6 | 4.6 | 6.2 | 5.6 | 3.7 | 6.1 | 8.6 | 18.9 | 7.5 | 7.7 |
| Estonia | 10.3 | 4.6 | 6.1 | 7.0 | 4.8 | 5.0 | 5.0 | 6.3 | 6.1 | 6.0 |
| Hungary | 0.5 | 0.6 | 1.7 | 2.5 | 2.5 | 2.9 | 2.6 | 3.0 | 2.0 | 2.2 |
| Latvia | 1.8 | 4.2 | 5.0 | 4.3 | 6.2 | 4.1 | 11.8 | 8.8 | 5.8 | 6.1 |
| Lithuania | 4.5 | 6.6 | 7.1 | 9.6 | 17.1 | 27.5 | 12.2 | 12.4 | 12.1 | 12.9 |
| Poland | | | | 1.9 | 5.3 | 4.0 | 5.7 | 0.0 | 3.4 | 4.3 |
| Slovak Republic | | | 5.0 | 8.8 | 2.8 | 6.6 | 18.3 | 23.8 | 10.9 | 11.1 |
| Slovenia | | | | | 15.1 | 4.2 | 9.7 | | 9.7 | 9.6 |
| Romania | | | | | 3.8 | 9.1 | 4.8 | | 5.9 | 5.9 |
| Russian Federation | | 0.9 | 1.7 | 4.2 | 5.7 | 20.6 | 2.2 | | 5.9 | 5.1 |
| Croatia | 0.9 | 1.4 | 2.4 | 4.5 | 2.1 | 3.5 | 1.4 | 15.4 | 3.9 | 4.1 |
| Ukraine | | 6.5 | 1.3 | 1.3 | 4.6 | 3.8 | 1.6 | | 3.2 | 3.0 |
| Iceland | | 2.9 | 3.5 | 13.0 | 8.3 | 2.8 | 2.3 | 6.8 | 5.7 | 5.6 |
| Norway | | 4.5 | 9.9 | 8.8 | 6.2 | 7.6 | 7.5 | 12.9 | 8.2 | 8.2 |
| Switzerland | 1.0 | 1.0 | 5.6 | 1.5 | 1.8 | 2.2 | 2.7 | 5.5 | 2.7 | 2.7 |
| country average | 4.3 | 3.5 | 4.2 | 5.3 | 5.3 | 6.4 | 6.6 | 9.3 | 5.6 | 5.8 |
| ratio of totals | 4.4 | 3.8 | 4.2 | 4.2 | 5.5 | 7.8 | 6.7 | 10.8 | 5.9 | |

I.D.12. GROSS JOB REALLOCATION RATE OF TOTAL ENTERPRISES IN AMADEUS SAMPLE BY COUNTRY, 1999-2006

| Country | 1999 | 2000 | 2001 | 2002 | 2003 | 2004 | 2005 | 2006 | time average | ratio of time averages |
|--------------------|------|------|------|------|------|------|------|------|--------------|------------------------|
| Austria | 21.2 | 16.2 | 11.7 | 17.9 | 19.1 | 17.6 | 29.9 | 27.5 | 20.2 | 20.6 |
| Belgium | 21.7 | 22.6 | 29.9 | 17.1 | 16.2 | 13.7 | 20.0 | 26.0 | 20.9 | 20.7 |
| Denmark | 24.9 | 22.6 | 22.1 | 29.6 | 25.0 | 16.5 | 15.8 | 19.1 | 22.0 | 21.7 |
| Finland | 19.8 | 15.1 | 16.0 | 17.2 | 17.4 | 19.3 | 20.2 | 19.0 | 18.0 | 18.0 |
| Greece | 5.5 | 5.7 | 3.6 | 5.8 | 5.7 | 7.9 | 6.4 | 7.0 | 6.0 | 6.0 |
| France | 17.6 | 19.0 | 18.6 | 16.7 | 16.4 | 15.7 | 19.3 | 21.3 | 18.1 | 18.0 |
| Germany | 20.8 | 20.9 | 17.2 | 16.2 | 23.3 | 25.9 | 25.9 | 35.2 | 23.2 | 22.9 |
| Italy | 23.5 | 29.0 | 34.6 | 24.8 | 30.9 | 31.6 | 26.1 | 22.2 | 27.8 | 28.0 |
| Spain | 46.9 | 37.7 | 26.6 | 22.6 | 22.7 | 24.4 | 25.4 | 28.0 | 29.3 | 28.5 |
| Sweden | 19.3 | 20.9 | 19.2 | 19.1 | 15.3 | 15.8 | 18.8 | 19.3 | 18.5 | 18.4 |
| Portugal | 18.5 | 13.3 | 14.4 | 9.0 | 12.7 | 8.8 | 13.6 | 13.2 | 12.9 | 12.8 |
| United Kingdom | 22.4 | 23.7 | 24.0 | 20.0 | 18.9 | 20.1 | 19.2 | 19.3 | 21.0 | 20.9 |
| Ireland | 31.1 | 14.0 | 10.1 | 12.9 | 8.2 | 14.2 | 13.2 | 18.1 | 15.2 | 14.5 |
| Netherlands | 20.6 | 21.4 | 20.0 | 21.0 | 18.0 | 21.0 | 23.1 | 21.0 | 20.8 | 20.8 |
| Bulgaria | 24.1 | 26.8 | 30.3 | 26.3 | 33.2 | 39.4 | 29.3 | 27.6 | 29.6 | 30.0 |
| Czech Republic | 20.8 | 17.4 | 17.2 | 10.2 | 11.9 | 27.1 | 26.4 | 35.5 | 20.8 | 21.3 |
| Estonia | 26.8 | 22.9 | 26.1 | 26.1 | 21.0 | 22.0 | 23.7 | 23.5 | 24.0 | 23.9 |
| Hungary | 12.6 | 13.4 | 18.4 | 27.0 | 20.9 | 17.8 | 17.3 | 16.2 | 17.9 | 18.3 |
| Latvia | 13.4 | 19.2 | 16.2 | 18.4 | 18.2 | 18.0 | 27.0 | 25.0 | 19.4 | 19.8 |
| Lithuania | 19.7 | 24.3 | 25.7 | 26.8 | 31.9 | 52.6 | 39.1 | 31.0 | 31.4 | 32.2 |
| Poland | | | | 16.8 | 13.5 | 11.9 | 15.3 | | 14.4 | 12.0 |
| Slovak Republic | | | 8.7 | 17.1 | 17.1 | 13.2 | 55.5 | 32.2 | 24.0 | 22.9 |
| Slovenia | | | | | 26.8 | 15.5 | 19.4 | | 20.5 | 17.3 |
| Romania | | | | | 25.6 | 30.7 | 28.5 | | 28.3 | 21.4 |
| Russian Federation | | 12.7 | 12.9 | 20.9 | 25.6 | 50.3 | 18.7 | | 23.5 | 19.4 |
| Croatia | 14.3 | 14.8 | 18.1 | 22.4 | 15.5 | 16.0 | 13.6 | 27.3 | 17.8 | 17.8 |
| Ukraine | | 27.8 | 20.2 | 21.1 | 24.1 | 23.9 | 23.0 | | 23.4 | 20.1 |
| Iceland | | 16.7 | 17.9 | 46.6 | 25.2 | 21.2 | 25.4 | 36.0 | 27.0 | 26.1 |
| Norway | | 22.9 | 27.7 | 25.1 | 28.4 | 31.2 | 19.5 | 26.1 | 25.8 | 24.8 |
| Switzerland | 10.1 | 9.2 | 12.8 | 10.7 | 10.2 | 8.3 | 12.2 | 13.3 | 10.9 | 10.9 |
| country average | 20.7 | 19.6 | 19.3 | 20.2 | 20.0 | 21.7 | 22.4 | 23.6 | 20.9 | 20.9 |
| ratio of totals | 22.4 | 20.7 | 19.5 | 19.3 | 21.3 | 24.8 | 21.9 | 24.4 | 21.8 | |

I.D.13. EXCESS REALLOCATION RATE OF TOTAL ENTERPRISES IN AMADEUS SAMPLE BY COUNTRY, 1999-2006

| Country | 1999 | 2000 | 2001 | 2002 | 2003 | 2004 | 2005 | 2006 | time average | ratio of time averages |
|--------------------|------|------|------|------|------|------|------|------|--------------|------------------------|
| Austria | 15.7 | 15.4 | 13.0 | 19.7 | 20.9 | 18.8 | 32.0 | 39.9 | 21.9 | 22.9 |
| Belgium | 9.9 | 19.2 | 19.9 | 13.6 | 15.9 | 12.6 | 20.4 | 34.0 | 18.2 | 18.0 |
| Denmark | 10.1 | 11.9 | 13.9 | 36.0 | 14.8 | 12.8 | 10.8 | 8.3 | 14.8 | 14.9 |
| Finland | 8.8 | 9.5 | 9.7 | 17.7 | 16.9 | 19.9 | 17.3 | 17.0 | 14.6 | 14.9 |
| Greece | 4.2 | 2.1 | 1.7 | 6.1 | 4.1 | 9.1 | 8.1 | 9.4 | 5.6 | 5.7 |
| France | 9.5 | 12.1 | 13.4 | 14.4 | 17.3 | 14.8 | 23.0 | 30.0 | 16.8 | 17.1 |
| Germany | 14.2 | 14.8 | 16.7 | 16.8 | 26.6 | 32.1 | 33.6 | 52.1 | 25.9 | 25.5 |
| Italy | 18.9 | 25.5 | 29.8 | 20.0 | 35.0 | 31.3 | 27.8 | 23.3 | 26.5 | 26.7 |
| Spain | 41.6 | 40.1 | 21.3 | 18.4 | 18.2 | 19.2 | 23.1 | 34.0 | 27.0 | 26.3 |
| Sweden | 12.6 | 9.9 | 13.6 | 19.3 | 15.8 | 15.6 | 18.0 | 18.7 | 15.4 | 15.6 |
| Portugal | 13.2 | 16.6 | 8.1 | 10.3 | 10.6 | 7.9 | 16.0 | 14.2 | 12.1 | 12.0 |
| United Kingdom | 17.1 | 16.7 | 18.1 | 20.0 | 18.2 | 19.5 | 19.2 | 22.5 | 18.9 | 18.9 |
| Ireland | 24.3 | 10.1 | 8.2 | 18.2 | 10.7 | 19.3 | 13.5 | 27.5 | 16.5 | 15.9 |
| Netherlands | 17.7 | 25.1 | 20.1 | 23.1 | 18.5 | 21.5 | 28.4 | 24.2 | 22.3 | 22.4 |
| Bulgaria | 30.0 | 31.9 | 32.1 | 24.2 | 36.0 | 30.0 | 38.9 | 18.4 | 30.2 | 30.4 |
| Czech Republic | 18.8 | 17.6 | 16.4 | 9.1 | 10.5 | 23.1 | 36.8 | 56.7 | 23.6 | 24.6 |
| Estonia | 17.2 | 19.3 | 25.4 | 22.7 | 18.6 | 17.4 | 17.5 | 23.9 | 20.3 | 20.3 |
| Hungary | 15.0 | 16.8 | 26.9 | 41.1 | 12.7 | 12.9 | 14.7 | 14.5 | 19.3 | 18.7 |
| Latvia | 12.1 | 19.6 | 13.8 | 16.5 | 15.4 | 16.2 | 31.5 | 28.4 | 19.2 | 19.8 |
| Lithuania | 21.8 | 27.3 | 21.4 | 24.6 | 39.4 | 74.5 | 65.2 | 36.2 | 38.8 | 40.2 |
| Poland | | | | 18.2 | 15.2 | 12.0 | 16.3 | | 15.4 | 10.8 |
| Slovak Republic | | | 4.9 | 21.4 | 17.2 | 21.3 | 76.4 | 52.5 | 32.3 | 29.8 |
| Slovenia | | | | | 43.4 | 17.7 | 27.7 | | 29.6 | 23.1 |
| Romania | | | | | 23.8 | 30.8 | 26.3 | | 27.0 | 13.1 |
| Russian Federation | | 13.0 | 13.7 | 28.0 | 44.8 | 74.7 | 18.3 | | 32.1 | 24.7 |
| Croatia | 17.5 | 13.5 | 16.1 | 19.2 | 12.9 | 15.7 | 11.2 | 28.9 | 16.9 | 16.9 |
| Ukraine | | 31.8 | 24.3 | 24.3 | 31.1 | 30.6 | 24.8 | | 27.8 | 21.7 |
| Iceland | | 9.4 | 16.7 | 38.7 | 19.9 | 8.1 | 8.9 | 18.2 | 17.1 | 16.6 |
| Norway | | 18.0 | 27.5 | 24.1 | 30.0 | 26.9 | 17.0 | 35.0 | 25.5 | 23.4 |
| Switzerland | 5.9 | 5.7 | 15.4 | 10.6 | 10.4 | 9.4 | 15.4 | 13.5 | 10.8 | 11.0 |
| country average | 16.2 | 17.4 | 17.1 | 20.6 | 20.8 | 22.5 | 24.6 | 27.3 | 20.8 | 21.4 |
| ratio of totals | 16.5 | 17.3 | 17.3 | 20.2 | 24.9 | 28.2 | 24.3 | 31.1 | 22.5 | |

ANNEX II

JOB FLOWS IN EUROPE. RESULTS BY SECTOR

II.A. FINAL SAMPLE OF FIRMS FROM AMADEUS DATABASE

II.A.1. ENTERPRISES IN AMADEUS SAMPLE BY SECTOR, 1999-2006

| SECTOR | 1999 | 2000 | 2001 | 2002 | 2003 | 2004 | 2005 | 2006 | time average |
|-------------------------------------------------------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|
| Agriculture, hunting and related service activities | 26,333 | 36,164 | 45,178 | 53,579 | 62,771 | 82,474 | 83,059 | 46,159 | 54,465 |
| Forestry, logging and related service activities | 3,274 | 4,488 | 5,380 | 5,925 | 7,121 | 8,855 | 9,324 | 5,747 | 6,264 |
| Fishing, fish farming and related service activities | 1,824 | 3,596 | 3,943 | 4,714 | 5,397 | 5,819 | 4,867 | 2,985 | 4,143 |
| Mining of coal and lignite; extraction of peat | 420 | 783 | 983 | 901 | 814 | 805 | 800 | 444 | 744 |
| Extraction of crude petroleum and natural gas | 581 | 1,093 | 1,264 | 1,163 | 2,089 | 1,430 | 1,426 | 877 | 1,240 |
| Mining of uranium and thorium ores | 8 | 13 | 23 | 25 | 46 | 22 | 24 | 19 | 23 |
| Mining of metal ores | 133 | 224 | 245 | 261 | 345 | 301 | 276 | 194 | 247 |
| Other mining and quarrying | 5,394 | 6,485 | 7,172 | 7,626 | 8,983 | 8,744 | 8,596 | 6,603 | 7,450 |
| Manufacture of food products and beverages | 38,665 | 49,985 | 57,468 | 62,765 | 76,628 | 79,223 | 79,036 | 54,817 | 62,323 |
| Manufacture of tobacco products | 210 | 267 | 291 | 308 | 319 | 313 | 290 | 194 | 274 |
| Manufacture of textiles | 15,352 | 18,069 | 19,304 | 20,677 | 23,112 | 22,281 | 20,550 | 15,089 | 19,304 |
| Manufacture of wearing apparel... | 11,282 | 14,160 | 15,583 | 16,088 | 21,405 | 22,783 | 22,606 | 13,460 | 17,171 |
| Tanning and dressing of leather | 6,711 | 7,958 | 8,576 | 8,997 | 10,866 | 10,459 | 9,852 | 6,746 | 8,771 |
| Manuf. of wood and of products of wood and cork, except furniture | 16,160 | 20,290 | 22,759 | 25,026 | 30,727 | 32,820 | 32,728 | 22,175 | 25,336 |
| Manuf. of pulp, paper and paper products | 6,527 | 7,455 | 8,015 | 8,358 | 9,141 | 9,406 | 9,081 | 6,867 | 8,106 |
| Publishing, printing and reproduction of recorded media | 38,715 | 46,490 | 52,085 | 54,569 | 58,658 | 62,954 | 61,457 | 45,865 | 52,599 |
| Manuf. of coke, refined petroleum products and nuclear fuel | 688 | 843 | 924 | 959 | 1,003 | 1,031 | 956 | 639 | 880 |
| Manuf. of chemicals and chemical products | 13,743 | 16,250 | 17,603 | 18,423 | 20,070 | 20,809 | 20,267 | 15,231 | 17,800 |
| Manuf. of rubber and plastic products | 17,461 | 20,227 | 22,135 | 23,512 | 25,972 | 27,469 | 27,416 | 20,559 | 23,094 |
| Manuf. of other non-metallic mineral products | 17,942 | 21,727 | 24,589 | 26,225 | 29,055 | 30,322 | 29,940 | 22,326 | 25,266 |
| Manuf. of basic metals | 7,275 | 8,706 | 9,441 | 9,649 | 10,348 | 10,097 | 9,455 | 7,534 | 9,063 |
| Manuf. of fabric. metal products, except machinery and equip. | 60,501 | 70,961 | 79,574 | 86,792 | 94,586 | 97,554 | 96,047 | 79,685 | 83,213 |
| Manuf. of machinery and equipment n.e.c. | 38,097 | 45,113 | 50,244 | 53,611 | 56,652 | 60,615 | 58,092 | 45,945 | 51,046 |
| Manuf. of office machinery and computers | 2,575 | 3,235 | 3,589 | 3,753 | 4,284 | 4,373 | 3,907 | 2,607 | 3,540 |
| Manuf. of electrical machinery and apparatus n.e.c. | 12,597 | 14,987 | 16,543 | 17,566 | 18,985 | 19,555 | 18,824 | 14,546 | 16,700 |
| Manuf. of radio, television and communication equipment | 5,476 | 6,596 | 7,463 | 7,878 | 8,438 | 8,544 | 8,056 | 6,507 | 7,370 |
| Manuf. of medical, precision and optical instruments | 15,252 | 17,970 | 20,627 | 22,035 | 23,822 | 25,249 | 24,634 | 19,708 | 21,162 |
| Manuf. of motor vehicles, trailers and semi-trailers | 5,492 | 6,452 | 7,182 | 7,716 | 8,364 | 8,537 | 8,361 | 6,507 | 7,326 |
| Manuf. of other transport equipment | 4,381 | 5,990 | 6,882 | 7,638 | 8,392 | 8,784 | 8,570 | 6,501 | 7,142 |
| Manuf. of furniture; manufacturing n.e.c. | 22,758 | 27,654 | 31,832 | 34,599 | 39,608 | 41,453 | 40,494 | 30,095 | 33,562 |
| Recycling | 2,762 | 3,436 | 4,178 | 4,758 | 5,715 | 6,531 | 6,548 | 4,374 | 4,788 |
| Electricity, gas, steam and hot water supply | 3,477 | 5,078 | 6,514 | 7,589 | 8,416 | 9,703 | 9,985 | 6,373 | 7,142 |
| Collection, purification and distribution of water | 1,042 | 1,404 | 1,811 | 2,327 | 2,651 | 3,178 | 3,098 | 1,485 | 2,125 |
| Construction | 217,942 | 268,123 | 321,833 | 365,092 | 407,214 | 444,245 | 449,937 | 364,767 | 354,894 |
| Sale, maintenance and repair of motor vehicles and motorcycles | 86,722 | 104,878 | 122,052 | 132,019 | 147,173 | 156,433 | 156,567 | 122,859 | 128,588 |
| Wholesale trade and commission trade, except of motor vehicles | 264,870 | 317,899 | 364,269 | 387,238 | 441,629 | 498,697 | 490,093 | 346,521 | 388,902 |
| Retail trade, except of motor vehicles and motorcycles | 196,829 | 250,181 | 303,899 | 331,179 | 425,297 | 467,365 | 487,941 | 332,956 | 349,456 |
| Hotels and restaurants | 64,458 | 84,706 | 112,986 | 130,156 | 154,462 | 167,285 | 174,892 | 137,072 | 128,252 |
| Land transport; transport via pipelines | 53,197 | 65,383 | 77,442 | 84,684 | 100,377 | 109,361 | 113,713 | 81,698 | 85,732 |
| Water transport | 2,850 | 4,117 | 4,545 | 4,744 | 5,078 | 5,165 | 5,013 | 4,193 | 4,463 |
| Air transport | 801 | 1,135 | 1,447 | 1,376 | 1,570 | 1,527 | 1,631 | 1,646 | 1,392 |
| Supporting and auxiliary transport activities | 32,937 | 39,855 | 45,095 | 48,956 | 54,579 | 59,976 | 59,567 | 45,565 | 48,316 |
| Post and telecommunications | 3,433 | 4,815 | 6,071 | 7,154 | 9,215 | 11,611 | 12,322 | 6,943 | 7,696 |
| Financial intermediation, except insurance and pension funding | 33,753 | 39,512 | 46,790 | 51,451 | 62,378 | 67,290 | 59,850 | 50,559 | 51,448 |
| Insurance and pension funding, except compulsory social security | 56 | 70 | 62 | 43 | 12 | 3 | 2 | 1 | 31 |
| Activities auxiliary to financial intermediation | 17,856 | 22,687 | 27,894 | 30,320 | 33,238 | 34,007 | 34,263 | 30,448 | 28,839 |
| Real estate activities | 83,710 | 109,586 | 133,934 | 149,629 | 164,009 | 183,407 | 184,714 | 146,531 | 144,440 |
| Renting of machinery and equipment without operator | 11,948 | 14,963 | 17,815 | 19,779 | 21,433 | 22,771 | 22,651 | 18,667 | 18,753 |
| Computer and related activities | 40,761 | 53,938 | 64,446 | 71,662 | 82,091 | 89,152 | 89,991 | 69,779 | 70,228 |
| Research and development | 3,554 | 5,973 | 7,468 | 8,502 | 9,559 | 13,969 | 13,975 | 6,734 | 8,717 |
| Other business activities | 227,551 | 294,667 | 355,374 | 393,064 | 453,535 | 503,460 | 512,593 | 405,152 | 393,175 |
| Public administration and defence; compulsory social security | 729 | 1,138 | 1,321 | 1,575 | 2,427 | 2,575 | 3,255 | 1,541 | 1,820 |
| Education | 10,761 | 14,036 | 17,652 | 20,973 | 24,613 | 28,515 | 29,823 | 21,415 | 20,974 |
| Health and social work | 26,767 | 33,813 | 40,210 | 45,144 | 55,187 | 61,090 | 68,547 | 54,180 | 48,117 |
| Sewage and refuse disposal, sanitation and similar activities | 0 | 16 | 68 | 29 | 1 | 1 | 0 | 0 | 14 |
| Sewage and refuse disposal, sanitation and similar activities | 4,765 | 5,842 | 6,875 | 7,891 | 8,917 | 9,882 | 9,948 | 7,428 | 7,694 |
| Activities of membership organizations n.e.c. | 1,807 | 2,454 | 2,749 | 3,117 | 4,295 | 4,616 | 7,523 | 3,438 | 3,750 |
| Recreational, cultural and sporting activities | 27,510 | 34,975 | 42,248 | 47,113 | 53,319 | 58,374 | 59,335 | 46,020 | 46,112 |
| Other service activities | 24,824 | 32,208 | 41,088 | 45,963 | 52,205 | 57,475 | 58,983 | 46,376 | 44,890 |
| Activities of households as employers of domestic staff | 90 | 99 | 104 | 112 | 216 | 162 | 173 | 220 | 147 |
| Undifferent. goods producing activities of private households | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Undifferent. services producing activities of private households | 0 | 0 | 0 | 1 | 4 | 3 | 3 | 4 | 2 |
| Extra-territorial organizations and bodies | 363 | 312 | 260 | 435 | 651 | 408 | 318 | 381 | 391 |
| TOTAL | 1,843,966 | 2,301,553 | 2,725,689 | 2,995,434 | 3,459,479 | 3,791,326 | 3,826,253 | 2,871,960 | 2,976,958 |

II.A.2. PERCENTAGE OF CONTINUING ENTERPRISES IN AMADEUS SAMPLE BY SECTOR. 1999-2006

| SECTOR | 1999 | 2000 | 2001 | 2002 | 2003 | 2004 | 2005 | 2006 | time average | ratio of time averages |
|-------------------------------------------------------------------|------|------|------|-------|-------|-------|-------|-------|--------------|------------------------|
| Agriculture, hunting and related service activities | 95.4 | 95.3 | 95.6 | 96.1 | 96.8 | 97.2 | 98.0 | 98.5 | 96.6 | 96.9 |
| Forestry, logging and related service activities | 92.3 | 93.2 | 94.3 | 94.8 | 93.5 | 92.5 | 97.1 | 97.2 | 94.4 | 94.6 |
| Fishing, fish farming and related service activities | 93.0 | 94.7 | 94.1 | 94.6 | 94.9 | 96.5 | 97.8 | 99.1 | 95.6 | 95.7 |
| Mining of coal and lignite; extraction of peat | 98.6 | 98.1 | 98.1 | 97.2 | 96.8 | 95.2 | 96.5 | 98.0 | 97.3 | 97.2 |
| Extraction of crude petroleum and natural gas | 90.5 | 95.6 | 95.3 | 94.2 | 96.6 | 93.9 | 93.8 | 97.7 | 94.7 | 95.0 |
| Mining of uranium and thorium ores | 87.5 | 92.3 | 91.3 | 92.0 | 97.8 | 95.5 | 87.5 | 94.7 | 92.3 | 93.3 |
| Mining of metal ores | 95.5 | 97.8 | 96.3 | 94.6 | 98.6 | 95.0 | 95.3 | 96.4 | 96.2 | 96.3 |
| Other mining and quarrying | 97.1 | 97.4 | 97.3 | 97.0 | 98.0 | 97.3 | 97.9 | 99.3 | 97.7 | 97.7 |
| Manufacture of food products and beverages | 96.1 | 95.8 | 96.2 | 96.3 | 96.5 | 96.4 | 97.0 | 98.3 | 96.6 | 96.6 |
| Manufacture of tobacco products | 97.1 | 98.1 | 96.9 | 98.4 | 97.5 | 97.4 | 97.9 | 99.5 | 97.9 | 97.8 |
| Manufacture of textiles | 96.0 | 96.9 | 96.2 | 94.6 | 97.5 | 97.2 | 97.9 | 99.2 | 96.9 | 96.9 |
| Manufacture of wearing apparel... | 95.1 | 95.6 | 95.6 | 95.3 | 96.1 | 95.9 | 97.1 | 99.4 | 96.3 | 96.3 |
| Tanning and dressing of leather | 94.5 | 95.6 | 95.1 | 94.1 | 96.8 | 96.1 | 97.1 | 99.5 | 96.1 | 96.1 |
| Manuf. of wood and of products of wood and cork, except furniture | 95.4 | 96.2 | 95.8 | 95.5 | 95.8 | 95.5 | 96.8 | 98.8 | 96.2 | 96.2 |
| Manuf. of pulp, paper and paper products | 96.9 | 97.3 | 97.4 | 96.9 | 97.7 | 97.4 | 98.1 | 99.0 | 97.6 | 97.6 |
| Publishing, printing and reproduction of recorded media | 96.1 | 95.8 | 96.4 | 96.4 | 96.9 | 96.7 | 97.2 | 98.7 | 96.8 | 96.8 |
| Manuf. of coke, refined petroleum products and nuclear fuel | 96.2 | 96.8 | 97.3 | 97.8 | 98.4 | 97.5 | 97.7 | 98.4 | 97.5 | 97.5 |
| Manuf. of chemicals and chemical products | 96.7 | 96.8 | 97.4 | 97.3 | 97.8 | 97.7 | 98.2 | 98.9 | 97.6 | 97.6 |
| Manuf. of rubber and plastic products | 96.6 | 96.9 | 96.9 | 96.3 | 97.5 | 96.9 | 97.6 | 99.0 | 97.2 | 97.2 |
| Manuf. of other non-metallic mineral products | 96.2 | 96.4 | 96.8 | 96.6 | 97.3 | 96.9 | 97.5 | 99.1 | 97.1 | 97.1 |
| Manuf. of basic metals | 96.2 | 96.0 | 96.5 | 96.0 | 97.6 | 97.3 | 97.8 | 99.2 | 97.1 | 97.1 |
| Manuf. of fabric. metal products, except machinery and equip. | 96.1 | 95.8 | 95.7 | 95.4 | 96.8 | 96.2 | 96.9 | 98.6 | 96.4 | 96.5 |
| Manuf. of machinery and equipment n.e.c. | 96.5 | 96.2 | 96.7 | 96.2 | 97.6 | 97.2 | 97.6 | 98.6 | 97.1 | 97.1 |
| Manuf. of office machinery and computers | 93.4 | 94.3 | 94.7 | 94.6 | 96.5 | 96.3 | 97.7 | 98.5 | 95.7 | 95.8 |
| Manuf. of electrical machinery and apparatus n.e.c. | 96.6 | 96.3 | 96.6 | 96.3 | 97.7 | 97.4 | 97.8 | 98.8 | 97.2 | 97.2 |
| Manuf. of radio, television and communication equipment | 96.0 | 95.4 | 96.7 | 96.1 | 97.4 | 97.0 | 97.4 | 98.3 | 96.8 | 96.8 |
| Manuf. of medical, precision and optical instruments | 96.2 | 96.1 | 97.0 | 96.6 | 97.0 | 97.1 | 97.5 | 98.3 | 97.0 | 97.0 |
| Manuf. of motor vehicles, trailers and semi-trailers | 95.8 | 96.3 | 95.9 | 96.4 | 97.3 | 97.5 | 97.3 | 98.7 | 96.9 | 97.0 |
| Manuf. of other transport equipment | 95.3 | 94.8 | 95.5 | 94.8 | 96.3 | 95.7 | 96.3 | 98.1 | 95.8 | 95.9 |
| Manuf. of furniture; manufacturing n.e.c. | 95.3 | 95.6 | 95.7 | 95.6 | 96.4 | 96.2 | 96.9 | 98.9 | 96.3 | 96.4 |
| Recycling | 93.4 | 93.5 | 94.4 | 94.3 | 95.6 | 94.6 | 95.7 | 98.1 | 95.0 | 95.1 |
| Electricity, gas, steam and hot water supply | 91.8 | 92.9 | 94.6 | 94.0 | 96.0 | 96.3 | 96.6 | 93.7 | 94.5 | 95.0 |
| Collection, purification and distribution of water | 95.3 | 95.1 | 95.8 | 95.4 | 97.6 | 98.0 | 98.5 | 99.3 | 96.9 | 97.2 |
| Construction | 94.4 | 93.8 | 93.4 | 93.3 | 94.7 | 94.0 | 94.3 | 97.7 | 94.4 | 94.5 |
| Sale, maintenance and repair of motor vehicles and motorcycles | 95.5 | 95.1 | 95.4 | 95.4 | 96.0 | 95.8 | 96.3 | 98.2 | 96.0 | 96.0 |
| Wholesale trade and commission trade, except of motor vehicles | 95.6 | 95.3 | 95.5 | 95.2 | 96.0 | 96.2 | 96.8 | 98.5 | 96.1 | 96.2 |
| Retail trade, except of motor vehicles and motorcycles | 94.4 | 94.0 | 94.3 | 94.5 | 94.9 | 94.6 | 95.7 | 97.9 | 95.0 | 95.1 |
| Hotels and restaurants | 91.9 | 90.7 | 91.3 | 91.7 | 92.7 | 92.2 | 93.1 | 97.1 | 92.6 | 92.8 |
| Land transport; transport via pipelines | 95.0 | 94.8 | 95.1 | 95.2 | 95.0 | 94.0 | 95.3 | 98.3 | 95.3 | 95.3 |
| Water transport | 95.3 | 95.0 | 95.6 | 95.7 | 95.9 | 95.6 | 94.7 | 96.4 | 95.5 | 95.5 |
| Air transport | 95.6 | 95.6 | 97.2 | 95.7 | 95.9 | 96.8 | 97.0 | 97.4 | 96.4 | 96.5 |
| Supporting and auxiliary transport activities | 95.2 | 94.9 | 95.4 | 94.6 | 96.0 | 96.0 | 96.4 | 97.9 | 95.8 | 95.8 |
| Post and telecommunications | 84.8 | 84.8 | 88.4 | 89.0 | 89.5 | 90.3 | 92.2 | 95.8 | 89.3 | 90.1 |
| Financial intermediation, except insurance and pension funding | 95.7 | 95.8 | 96.3 | 93.7 | 95.8 | 96.6 | 96.6 | 99.2 | 96.2 | 96.2 |
| Insurance and pension funding, except compulsory social security | 92.9 | 90.0 | 96.8 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 97.5 | 94.8 |
| Activities auxiliary to financial intermediation | 92.8 | 92.4 | 94.0 | 94.0 | 95.3 | 95.5 | 95.6 | 97.0 | 94.6 | 94.8 |
| Real estate activities | 93.4 | 93.5 | 94.3 | 94.3 | 95.2 | 94.6 | 94.9 | 97.6 | 94.7 | 94.9 |
| Renting of machinery and equipment without operator | 93.2 | 93.7 | 93.9 | 93.8 | 95.0 | 95.0 | 95.5 | 98.0 | 94.8 | 94.9 |
| Computer and related activities | 88.2 | 87.1 | 89.2 | 90.8 | 93.1 | 93.1 | 94.1 | 96.9 | 91.6 | 92.1 |
| Research and development | 89.1 | 91.0 | 92.5 | 93.4 | 94.7 | 96.1 | 96.5 | 96.6 | 93.7 | 94.5 |
| Other business activities | 92.2 | 91.7 | 92.8 | 92.4 | 92.8 | 92.6 | 93.5 | 96.5 | 93.1 | 93.2 |
| Public administration and defence; compulsory social security | 83.7 | 89.8 | 92.1 | 92.1 | 95.0 | 95.5 | 96.9 | 95.1 | 92.5 | 94.0 |
| Education | 92.3 | 92.0 | 92.2 | 92.1 | 94.3 | 94.9 | 95.1 | 97.2 | 93.8 | 94.1 |
| Health and social work | 93.5 | 93.7 | 93.7 | 93.0 | 93.1 | 92.8 | 94.2 | 97.1 | 93.9 | 93.9 |
| Sewage and refuse disposal, sanitation and similar activities | | 93.8 | 98.5 | 100.0 | 100.0 | 100.0 | | | 98.5 | 98.3 |
| Sewage and refuse disposal, sanitation and similar activities | 94.5 | 95.1 | 95.5 | 94.8 | 96.3 | 96.6 | 96.5 | 98.2 | 95.9 | 96.1 |
| Activities of membership organizations n.e.c. | 91.5 | 91.6 | 93.1 | 93.6 | 95.0 | 95.5 | 97.7 | 97.1 | 94.4 | 95.2 |
| Recreational, cultural and sporting activities | 93.0 | 92.4 | 93.2 | 93.1 | 94.2 | 93.9 | 94.9 | 97.5 | 94.0 | 94.2 |
| Other service activities | 91.4 | 90.5 | 92.0 | 92.1 | 92.6 | 92.8 | 93.3 | 96.2 | 92.6 | 92.8 |
| Activities of households as employers of domestic staff | 92.2 | 90.9 | 90.4 | 85.7 | 84.3 | 84.0 | 85.5 | 96.8 | 88.7 | 88.6 |
| Undifferent. goods producing activities of private households | | | | | | | | | | |
| Undifferent. services producing activities of private households | | | | 100.0 | 75.0 | 33.3 | 100.0 | 75.0 | 76.7 | 73.3 |
| Extra-territorial organizations and bodies | 91.2 | 93.3 | 90.8 | 81.1 | 96.6 | 95.3 | 91.5 | 93.7 | 91.7 | 92.0 |
| SECTOR average | 94.1 | 94.0 | 95.0 | 94.7 | 95.6 | 94.7 | 96.2 | 97.5 | 95.2 | 95.0 |
| ratio of totals | 94.3 | 93.9 | 94.3 | 94.1 | 95.0 | 94.8 | 95.5 | 97.8 | 95.0 | |

II.A.3. PERCENTAGE OF CONTINUING EMPLOYMENT CREATOR ENTERPRISES IN AMADEUS SAMPLE BY SECTOR. 1999-2006

| SECTOR | 1999 | 2000 | 2001 | 2002 | 2003 | 2004 | 2005 | 2006 | time average | ratio of time averages |
|-------------------------------------------------------------------|------|------|------|------|------|------|------|------|--------------|------------------------|
| Agriculture, hunting and related service activities | 22.0 | 21.5 | 20.6 | 20.7 | 21.6 | 26.2 | 29.2 | 23.3 | 23.1 | 23.9 |
| Forestry, logging and related service activities | 20.7 | 25.3 | 21.8 | 20.3 | 26.5 | 27.6 | 29.0 | 24.2 | 24.4 | 25.2 |
| Fishing, fish farming and related service activities | 21.8 | 21.0 | 20.7 | 20.2 | 19.8 | 21.4 | 25.1 | 23.1 | 21.7 | 21.6 |
| Mining of coal and lignite; extraction of peat | 26.9 | 27.3 | 29.8 | 27.2 | 24.4 | 24.7 | 28.1 | 23.4 | 26.5 | 26.8 |
| Extraction of crude petroleum and natural gas | 24.4 | 33.4 | 34.0 | 35.0 | 27.7 | 34.1 | 40.5 | 42.1 | 33.9 | 33.8 |
| Mining of uranium and thorium ores | 0.0 | 15.4 | 17.4 | 12.0 | 19.6 | 22.7 | 16.7 | 21.1 | 15.6 | 17.2 |
| Mining of metal ores | 28.6 | 41.1 | 28.2 | 27.2 | 28.7 | 32.9 | 37.7 | 38.1 | 32.8 | 32.6 |
| Other mining and quarrying | 26.2 | 29.2 | 25.9 | 25.0 | 26.0 | 25.3 | 27.2 | 27.0 | 26.5 | 26.4 |
| Manufacture of food products and beverages | 30.6 | 31.8 | 29.3 | 29.1 | 29.2 | 29.8 | 28.8 | 28.7 | 29.7 | 29.5 |
| Manufacture of tobacco products | 37.6 | 38.2 | 34.0 | 32.8 | 35.7 | 35.8 | 33.1 | 27.8 | 34.4 | 34.5 |
| Manufacture of textiles | 29.5 | 32.9 | 29.3 | 25.8 | 24.9 | 23.1 | 24.8 | 25.2 | 26.9 | 26.7 |
| Manufacture of wearing apparel... | 30.0 | 31.2 | 29.2 | 26.5 | 29.2 | 28.8 | 27.4 | 32.0 | 29.3 | 29.1 |
| Tanning and dressing of leather | 29.5 | 36.9 | 33.7 | 30.8 | 31.0 | 26.7 | 28.6 | 32.1 | 31.2 | 31.0 |
| Manuf. of wood and of products of wood and cork, except furniture | 28.6 | 29.2 | 24.0 | 23.7 | 25.7 | 26.5 | 27.7 | 27.4 | 26.6 | 26.5 |
| Manuf. of pulp, paper and paper products | 34.0 | 36.9 | 32.4 | 30.8 | 30.0 | 27.7 | 28.7 | 28.0 | 31.1 | 30.9 |
| Publishing, printing and reproduction of recorded media | 26.0 | 24.9 | 21.8 | 19.9 | 20.4 | 21.4 | 23.7 | 21.4 | 22.5 | 22.3 |
| Manuf. of coke, refined petroleum products and nuclear fuel | 30.1 | 35.7 | 39.2 | 36.4 | 29.2 | 29.1 | 30.1 | 28.8 | 32.3 | 32.4 |
| Manuf. of chemicals and chemical products | 35.2 | 36.9 | 34.7 | 32.2 | 31.1 | 28.8 | 31.7 | 31.0 | 32.7 | 32.5 |
| Manuf. of rubber and plastic products | 35.7 | 37.1 | 31.6 | 29.7 | 31.6 | 30.5 | 30.4 | 30.5 | 32.1 | 31.9 |
| Manuf. of other non-metallic mineral products | 30.4 | 32.3 | 30.1 | 27.5 | 27.7 | 27.1 | 29.1 | 29.0 | 29.1 | 29.0 |
| Manuf. of basic metals | 32.6 | 35.1 | 34.5 | 28.7 | 28.8 | 27.2 | 31.0 | 32.0 | 31.3 | 31.1 |
| Manuf. of fabric. metal products, except machinery and equip. | 32.0 | 33.2 | 30.5 | 26.1 | 27.1 | 24.7 | 27.2 | 28.0 | 28.6 | 28.3 |
| Manuf. of machinery and equipment n.e.c. | 32.5 | 33.9 | 32.7 | 27.5 | 27.6 | 25.3 | 28.4 | 27.9 | 29.5 | 29.2 |
| Manuf. of office machinery and computers | 35.0 | 31.3 | 28.5 | 24.9 | 25.5 | 26.3 | 27.7 | 25.5 | 28.1 | 27.7 |
| Manuf. of electrical machinery and apparatus n.e.c. | 32.8 | 34.8 | 32.7 | 27.5 | 27.8 | 26.9 | 29.0 | 29.5 | 30.1 | 29.9 |
| Manuf. of radio, television and communication equipment | 36.2 | 39.2 | 34.2 | 28.0 | 26.9 | 27.2 | 28.1 | 29.3 | 31.1 | 30.7 |
| Manuf. of medical, precision and optical instruments | 26.1 | 25.8 | 23.0 | 22.1 | 22.3 | 22.9 | 23.1 | 22.5 | 23.5 | 23.3 |
| Manuf. of motor vehicles, trailers and semi-trailers | 38.9 | 38.8 | 33.0 | 30.1 | 31.1 | 31.9 | 31.3 | 30.9 | 33.3 | 32.9 |
| Manuf. of other transport equipment | 33.1 | 34.2 | 31.8 | 28.3 | 28.9 | 27.8 | 29.5 | 29.2 | 30.4 | 30.0 |
| Manuf. of furniture; manufacturing n.e.c. | 29.7 | 31.1 | 26.5 | 24.9 | 25.4 | 25.9 | 26.3 | 26.7 | 27.1 | 26.8 |
| Recycling | 29.4 | 30.6 | 28.2 | 26.5 | 28.8 | 31.2 | 31.5 | 31.0 | 29.6 | 29.8 |
| Electricity, gas, steam and hot water supply | 23.3 | 27.1 | 27.0 | 28.1 | 28.1 | 30.4 | 33.5 | 24.4 | 27.7 | 28.5 |
| Collection, purification and distribution of water | 31.5 | 34.8 | 35.3 | 34.7 | 35.4 | 34.2 | 40.6 | 35.3 | 35.2 | 35.7 |
| Construction | 27.6 | 25.9 | 22.6 | 22.2 | 24.5 | 25.7 | 27.0 | 27.3 | 25.3 | 25.3 |
| Sale, maintenance and repair of motor vehicles and motorcycles | 26.6 | 24.3 | 21.3 | 21.8 | 22.9 | 24.4 | 24.0 | 23.5 | 23.6 | 23.5 |
| Wholesale trade and commission trade, except of motor vehicles | 27.1 | 26.3 | 23.9 | 22.6 | 23.3 | 25.9 | 26.1 | 24.6 | 25.0 | 24.9 |
| Retail trade, except of motor vehicles and motorcycles | 22.1 | 20.8 | 18.5 | 18.5 | 20.5 | 23.0 | 21.6 | 24.0 | 21.1 | 21.2 |
| Hotels and restaurants | 25.6 | 24.6 | 21.9 | 21.7 | 22.8 | 25.5 | 24.5 | 27.2 | 24.2 | 24.2 |
| Land transport; transport via pipelines | 31.5 | 29.9 | 26.1 | 25.6 | 27.7 | 28.4 | 28.2 | 30.0 | 28.4 | 28.2 |
| Water transport | 24.8 | 23.7 | 22.2 | 22.8 | 22.9 | 23.1 | 23.4 | 21.0 | 23.0 | 22.9 |
| Air transport | 41.4 | 39.4 | 31.4 | 31.9 | 33.0 | 37.5 | 33.3 | 38.6 | 35.8 | 35.4 |
| Supporting and auxiliary transport activities | 28.2 | 27.8 | 23.7 | 22.7 | 24.9 | 26.9 | 28.8 | 27.7 | 26.3 | 26.3 |
| Post and telecommunications | 41.5 | 39.3 | 33.9 | 29.7 | 29.0 | 32.6 | 34.4 | 32.1 | 34.1 | 33.2 |
| Financial intermediation, except insurance and pension funding | 17.0 | 14.8 | 12.5 | 11.0 | 9.8 | 10.6 | 10.3 | 9.2 | 11.9 | 11.5 |
| Insurance and pension funding, except compulsory social security | 32.1 | 31.4 | 24.2 | 14.0 | 8.3 | 33.3 | 0.0 | 0.0 | 17.9 | 25.3 |
| Activities auxiliary to financial intermediation | 19.9 | 18.9 | 15.9 | 16.1 | 15.7 | 17.2 | 16.7 | 19.6 | 17.5 | 17.3 |
| Real estate activities | 17.7 | 16.1 | 14.5 | 14.7 | 14.9 | 17.2 | 18.6 | 18.0 | 16.5 | 16.5 |
| Renting of machinery and equipment without operator | 26.9 | 24.7 | 21.5 | 20.5 | 21.3 | 21.3 | 22.4 | 22.6 | 22.7 | 22.3 |
| Computer and related activities | 31.9 | 28.0 | 25.2 | 22.3 | 21.5 | 21.7 | 23.9 | 24.6 | 24.9 | 24.2 |
| Research and development | 31.8 | 32.0 | 30.7 | 29.5 | 27.1 | 32.9 | 37.8 | 28.7 | 31.3 | 31.9 |
| Other business activities | 21.8 | 20.4 | 18.2 | 17.7 | 18.3 | 18.8 | 19.8 | 19.9 | 19.4 | 19.2 |
| Public administration and defence; compulsory social security | 29.1 | 26.7 | 25.2 | 26.7 | 26.7 | 38.7 | 27.6 | 28.6 | 28.7 | 29.2 |
| Education | 29.6 | 27.2 | 24.6 | 24.6 | 26.2 | 28.3 | 28.9 | 27.3 | 27.1 | 27.1 |
| Health and social work | 28.3 | 27.2 | 26.8 | 27.7 | 28.0 | 27.9 | 25.8 | 32.5 | 28.0 | 28.0 |
| Sewage and refuse disposal, sanitation and similar activities | | 12.5 | 8.8 | 13.8 | 0.0 | 0.0 | | | 7.0 | 10.4 |
| Sewage and refuse disposal, sanitation and similar activities | 32.6 | 30.6 | 28.1 | 28.9 | 30.3 | 29.5 | 31.6 | 30.9 | 30.3 | 30.2 |
| Activities of membership organizations n.e.c. | 30.2 | 27.6 | 23.8 | 26.4 | 25.5 | 31.3 | 17.7 | 27.1 | 26.2 | 25.0 |
| Recreational, cultural and sporting activities | 25.1 | 24.7 | 21.7 | 21.0 | 21.3 | 22.2 | 23.6 | 23.6 | 22.9 | 22.7 |
| Other service activities | 23.3 | 21.9 | 19.5 | 19.7 | 20.7 | 22.6 | 23.5 | 22.6 | 21.7 | 21.7 |
| Activities of households as employers of domestic staff | 16.7 | 20.2 | 23.1 | 17.9 | 20.8 | 19.8 | 20.8 | 19.1 | 19.8 | 19.9 |
| Undifferent. goods producing activities of private households | | | | | | | | | | |
| Undifferent. services producing activities of private households | | | | 0.0 | 0.0 | 0.0 | 33.3 | 0.0 | 6.7 | 6.7 |
| Extra-territorial organizations and bodies | 21.2 | 14.7 | 11.9 | 17.0 | 29.2 | 23.0 | 17.3 | 13.9 | 18.5 | 19.8 |
| SECTOR average | 28.1 | 28.6 | 26.2 | 24.3 | 24.5 | 26.0 | 26.4 | 26.6 | 26.3 | 23.6 |
| ratio of totals | 26.1 | 25.2 | 22.4 | 21.5 | 22.5 | 23.8 | 24.3 | 24.5 | 23.8 | |

II.A.4. PERCENTAGE OF CONTINUING EMPLOYMENT DESTROYER ENTERPRISES IN AMADEUS SAMPLE BY SECTOR. 1999-2006

| SECTOR | 1999 | 2000 | 2001 | 2002 | 2003 | 2004 | 2005 | 2006 | time average | ratio of time averages |
|-------------------------------------------------------------------|------|------|------|-------|------|------|------|------|--------------|------------------------|
| Agriculture, hunting and related service activities | 19.6 | 25.5 | 26.1 | 28.9 | 29.6 | 29.5 | 29.5 | 19.0 | 25.9 | 27.0 |
| Forestry, logging and related service activities | 18.7 | 19.7 | 24.7 | 24.9 | 21.4 | 23.4 | 25.6 | 19.5 | 22.2 | 22.8 |
| Fishing, fish farming and related service activities | 22.1 | 22.4 | 19.5 | 19.9 | 21.7 | 20.7 | 21.7 | 19.9 | 21.0 | 21.0 |
| Mining of coal and lignite; extraction of peat | 34.8 | 47.0 | 41.2 | 42.6 | 37.0 | 35.2 | 33.8 | 27.3 | 37.3 | 38.3 |
| Extraction of crude petroleum and natural gas | 37.0 | 29.5 | 21.6 | 26.2 | 27.7 | 29.9 | 23.8 | 20.8 | 27.1 | 26.6 |
| Mining of uranium and thorium ores | 87.5 | 46.2 | 56.5 | 44.0 | 37.0 | 40.9 | 41.7 | 21.1 | 46.8 | 42.8 |
| Mining of metal ores | 33.1 | 34.8 | 40.4 | 40.6 | 37.4 | 38.5 | 34.8 | 23.7 | 35.4 | 36.1 |
| Other mining and quarrying | 22.1 | 19.8 | 19.8 | 21.5 | 25.1 | 24.5 | 24.1 | 22.8 | 22.5 | 22.7 |
| Manufacture of food products and beverages | 23.6 | 23.9 | 23.1 | 23.0 | 24.4 | 25.3 | 28.1 | 22.9 | 24.3 | 24.5 |
| Manufacture of tobacco products | 36.7 | 39.3 | 38.1 | 42.9 | 37.0 | 37.1 | 43.8 | 40.2 | 39.4 | 39.4 |
| Manufacture of textiles | 31.2 | 27.3 | 28.7 | 30.1 | 32.0 | 31.0 | 34.5 | 30.9 | 30.7 | 30.8 |
| Manufacture of wearing apparel... | 30.2 | 29.3 | 28.5 | 30.2 | 30.5 | 28.8 | 36.7 | 29.0 | 30.4 | 30.7 |
| Tanning and dressing of leather | 36.3 | 29.4 | 29.5 | 30.5 | 32.9 | 32.2 | 36.9 | 30.6 | 32.3 | 32.3 |
| Manuf. of wood and of products of wood and cork, except furniture | 20.1 | 19.5 | 21.6 | 22.2 | 24.3 | 23.6 | 24.6 | 20.8 | 22.1 | 22.5 |
| Manuf. of pulp, paper and paper products | 27.2 | 23.9 | 25.4 | 26.4 | 28.3 | 28.2 | 30.8 | 28.1 | 27.3 | 27.4 |
| Publishing, printing and reproduction of recorded media | 18.8 | 18.1 | 17.8 | 20.1 | 22.4 | 20.8 | 20.9 | 19.4 | 19.8 | 20.0 |
| Manuf. of coke, refined petroleum products and nuclear fuel | 28.3 | 24.3 | 24.4 | 26.0 | 31.4 | 31.0 | 30.9 | 24.6 | 27.6 | 27.8 |
| Manuf. of chemicals and chemical products | 25.4 | 23.7 | 23.3 | 25.6 | 27.1 | 28.2 | 27.9 | 24.8 | 25.8 | 25.9 |
| Manuf. of rubber and plastic products | 22.9 | 20.5 | 22.3 | 24.3 | 25.7 | 24.5 | 27.5 | 24.4 | 24.0 | 24.2 |
| Manuf. of other non-metallic mineral products | 23.4 | 21.2 | 21.8 | 24.4 | 26.7 | 24.9 | 27.0 | 23.4 | 24.1 | 24.3 |
| Manuf. of basic metals | 27.3 | 23.7 | 21.8 | 27.2 | 29.7 | 28.5 | 28.5 | 26.3 | 26.6 | 26.7 |
| Manuf. of fabric. metal products, except machinery and equip. | 21.9 | 19.5 | 18.7 | 22.4 | 24.5 | 23.3 | 24.2 | 21.8 | 22.0 | 22.2 |
| Manuf. of machinery and equipment n.e.c. | 22.7 | 19.8 | 19.0 | 23.4 | 26.1 | 26.0 | 26.3 | 22.2 | 23.2 | 23.4 |
| Manuf. of office machinery and computers | 17.4 | 17.8 | 17.0 | 22.4 | 24.0 | 21.0 | 24.9 | 22.4 | 20.9 | 21.1 |
| Manuf. of electrical machinery and apparatus n.e.c. | 24.9 | 21.8 | 22.1 | 25.8 | 27.1 | 25.9 | 27.2 | 23.6 | 24.8 | 25.0 |
| Manuf. of radio, television and communication equipment | 25.4 | 21.0 | 23.1 | 29.3 | 30.0 | 26.6 | 28.3 | 23.6 | 25.9 | 26.2 |
| Manuf. of medical, precision and optical instruments | 17.9 | 16.3 | 14.8 | 17.5 | 19.8 | 18.2 | 19.6 | 16.8 | 17.6 | 17.7 |
| Manuf. of motor vehicles, trailers and semi-trailers | 24.3 | 23.9 | 25.7 | 28.0 | 28.8 | 27.0 | 29.6 | 26.8 | 26.8 | 27.0 |
| Manuf. of other transport equipment | 23.4 | 23.3 | 22.6 | 25.5 | 27.8 | 25.9 | 26.6 | 23.0 | 24.8 | 25.0 |
| Manuf. of furniture; manufacturing n.e.c. | 25.0 | 21.7 | 22.7 | 24.2 | 25.9 | 23.6 | 26.3 | 23.1 | 24.1 | 24.2 |
| Recycling | 20.9 | 16.8 | 16.3 | 19.0 | 20.8 | 19.3 | 21.4 | 16.9 | 18.9 | 19.1 |
| Electricity, gas, steam and hot water supply | 26.5 | 27.3 | 26.4 | 26.9 | 24.2 | 25.9 | 25.2 | 19.6 | 25.3 | 25.2 |
| Collection, purification and distribution of water | 29.7 | 27.8 | 25.1 | 28.3 | 28.5 | 31.7 | 28.3 | 25.3 | 28.1 | 28.4 |
| Construction | 18.0 | 18.1 | 18.2 | 19.3 | 21.3 | 20.0 | 20.8 | 19.0 | 19.3 | 19.5 |
| Sale, maintenance and repair of motor vehicles and motorcycles | 16.2 | 16.4 | 16.9 | 16.5 | 18.0 | 17.1 | 19.1 | 17.1 | 17.2 | 17.3 |
| Wholesale trade and commission trade, except of motor vehicles | 16.9 | 16.2 | 16.2 | 17.0 | 18.7 | 18.1 | 20.2 | 16.1 | 17.4 | 17.6 |
| Retail trade, except of motor vehicles and motorcycles | 14.9 | 14.5 | 14.7 | 14.8 | 17.2 | 15.8 | 20.6 | 15.1 | 15.9 | 16.3 |
| Hotels and restaurants | 19.2 | 18.5 | 18.6 | 18.7 | 20.0 | 18.9 | 22.0 | 19.4 | 19.4 | 19.6 |
| Land transport; transport via pipelines | 17.3 | 17.8 | 18.8 | 19.0 | 19.5 | 17.9 | 21.0 | 17.9 | 18.7 | 18.8 |
| Water transport | 22.3 | 22.6 | 20.1 | 21.1 | 22.2 | 20.2 | 19.9 | 17.6 | 20.7 | 20.7 |
| Air transport | 19.9 | 23.3 | 24.0 | 26.5 | 25.7 | 24.2 | 29.1 | 18.5 | 23.9 | 24.2 |
| Supporting and auxiliary transport activities | 17.6 | 16.4 | 18.4 | 19.2 | 20.6 | 18.3 | 19.4 | 17.0 | 18.4 | 18.5 |
| Post and telecommunications | 17.6 | 18.2 | 20.3 | 25.4 | 24.4 | 21.3 | 20.5 | 19.8 | 21.0 | 21.4 |
| Financial intermediation, except insurance and pension funding | 25.3 | 22.6 | 16.3 | 14.9 | 13.8 | 9.8 | 9.9 | 6.4 | 14.9 | 13.9 |
| Insurance and pension funding, except compulsory social security | 23.2 | 17.1 | 14.5 | 9.3 | 25.0 | 0.0 | 0.0 | 0.0 | 11.1 | 16.5 |
| Activities auxiliary to financial intermediation | 13.3 | 11.9 | 11.4 | 12.6 | 13.9 | 12.1 | 13.7 | 11.0 | 12.5 | 12.5 |
| Real estate activities | 14.7 | 13.7 | 13.0 | 14.3 | 14.2 | 13.7 | 14.6 | 12.5 | 13.8 | 13.8 |
| Renting of machinery and equipment without operator | 14.0 | 13.4 | 13.1 | 15.0 | 16.1 | 15.8 | 15.7 | 14.9 | 14.8 | 14.9 |
| Computer and related activities | 12.2 | 12.4 | 14.3 | 17.8 | 19.7 | 16.8 | 16.4 | 15.3 | 15.6 | 16.0 |
| Research and development | 16.2 | 20.4 | 20.4 | 23.9 | 23.6 | 25.9 | 24.0 | 16.2 | 21.3 | 22.5 |
| Other business activities | 14.6 | 13.1 | 12.7 | 14.5 | 15.1 | 14.1 | 14.3 | 13.0 | 13.9 | 14.0 |
| Public administration and defence; compulsory social security | 15.8 | 17.0 | 13.9 | 18.3 | 26.8 | 18.8 | 35.2 | 16.7 | 20.3 | 22.8 |
| Education | 16.9 | 16.9 | 17.2 | 17.6 | 18.6 | 18.3 | 21.1 | 17.7 | 18.0 | 18.4 |
| Health and social work | 14.5 | 15.3 | 15.1 | 15.1 | 16.8 | 15.1 | 21.7 | 16.0 | 16.2 | 16.6 |
| Sewage and refuse disposal, sanitation and similar activities | | 31.3 | 5.9 | 0.0 | 0.0 | 0.0 | | | 7.4 | 7.8 |
| Sewage and refuse disposal, sanitation and similar activities | 16.7 | 16.6 | 16.8 | 18.2 | 20.4 | 21.4 | 19.3 | | 18.8 | 19.3 |
| Activities of membership organizations n.e.c. | 17.4 | 16.3 | 17.3 | 19.1 | 21.5 | 18.7 | 23.9 | 19.9 | 19.3 | 20.2 |
| Recreational, cultural and sporting activities | 17.1 | 16.4 | 16.3 | 17.5 | 18.5 | 17.6 | 18.1 | 16.9 | 17.3 | 17.4 |
| Other service activities | 16.6 | 15.8 | 15.6 | 16.1 | 17.0 | 16.4 | 18.0 | 16.6 | 16.5 | 16.6 |
| Activities of households as employers of domestic staff | 20.0 | 23.2 | 17.3 | 14.3 | 15.7 | 14.8 | 16.2 | 13.6 | 16.9 | 16.2 |
| Undifferent. goods producing activities of private households | | | | | | | | | | |
| Undifferent. services producing activities of private households | | | | 100.0 | 50.0 | 0.0 | 0.0 | 25.0 | 35.0 | 26.7 |
| Extra-territorial organizations and bodies | 30.0 | 28.8 | 26.5 | 26.2 | 32.6 | 31.4 | 32.4 | 26.2 | 29.3 | 29.6 |
| SECTOR average | 23.3 | 21.8 | 21.2 | 24.3 | 24.8 | 22.4 | 25.3 | 20.5 | 23.0 | 18.3 |
| ratio of totals | 17.8 | 17.0 | 17.0 | 18.1 | 19.5 | 18.4 | 20.2 | 16.9 | 18.1 | |

II.A.5. PERCENTAGE OF CONTINUING EMPLOYMENT STABLE ENTERPRISES IN AMADEUS SAMPLE BY SECTOR. 1999-2006

| SECTOR | 1999 | 2000 | 2001 | 2002 | 2003 | 2004 | 2005 | 2006 | time average | ratio of time averages |
|-------------------------------------------------------------------|------|------|------|------|-------|-------|-------|-------|--------------|------------------------|
| Agriculture, hunting and related service activities | 53.8 | 48.2 | 48.9 | 46.5 | 45.6 | 41.5 | 39.4 | 56.1 | 47.5 | 45.9 |
| Forestry, logging and related service activities | 52.8 | 48.2 | 47.8 | 49.6 | 45.7 | 41.6 | 42.5 | 53.6 | 47.7 | 46.7 |
| Fishing, fish farming and related service activities | 49.1 | 51.3 | 53.8 | 54.4 | 53.5 | 54.3 | 50.9 | 56.0 | 52.9 | 53.2 |
| Mining of coal and lignite; extraction of peat | 36.9 | 23.8 | 27.1 | 27.4 | 35.4 | 35.3 | 34.6 | 47.3 | 33.5 | 32.2 |
| Extraction of crude petroleum and natural gas | 29.1 | 32.8 | 39.6 | 33.0 | 41.3 | 29.9 | 29.5 | 34.9 | 33.7 | 34.5 |
| Mining of uranium and thorium ores | 0.0 | 30.8 | 17.4 | 36.0 | 41.3 | 31.8 | 29.2 | 52.6 | 29.9 | 33.3 |
| Mining of metal ores | 33.8 | 21.9 | 27.8 | 26.8 | 32.5 | 23.6 | 22.8 | 34.5 | 28.0 | 27.5 |
| Other mining and quarrying | 48.9 | 48.5 | 51.6 | 50.5 | 46.9 | 47.5 | 46.6 | 49.6 | 48.7 | 48.6 |
| Manufacture of food products and beverages | 42.0 | 40.1 | 43.9 | 44.2 | 42.9 | 41.3 | 40.1 | 46.7 | 42.7 | 42.6 |
| Manufacture of tobacco products | 22.9 | 20.6 | 24.7 | 22.7 | 24.8 | 24.6 | 21.0 | 31.4 | 24.1 | 23.9 |
| Manufacture of textiles | 35.2 | 36.7 | 38.2 | 38.7 | 40.5 | 43.1 | 38.6 | 43.2 | 39.3 | 39.4 |
| Manufacture of wearing apparel... | 34.9 | 35.1 | 37.9 | 38.6 | 36.4 | 38.3 | 33.0 | 38.4 | 36.6 | 36.5 |
| Tanning and dressing of leather | 28.7 | 29.3 | 31.9 | 32.8 | 32.8 | 37.3 | 31.6 | 36.8 | 32.6 | 32.8 |
| Manuf. of wood and of products of wood and cork, except furniture | 46.8 | 47.5 | 50.1 | 49.6 | 45.7 | 45.3 | 44.6 | 50.5 | 47.5 | 47.2 |
| Manuf. of pulp, paper and paper products | 35.7 | 36.6 | 39.6 | 39.7 | 39.4 | 41.5 | 38.5 | 42.9 | 39.2 | 39.3 |
| Publishing, printing and reproduction of recorded media | 51.2 | 52.8 | 56.8 | 56.3 | 54.2 | 54.4 | 52.5 | 57.9 | 54.5 | 54.6 |
| Manuf. of coke, refined petroleum products and nuclear fuel | 37.8 | 36.8 | 33.8 | 35.5 | 37.8 | 37.3 | 36.7 | 45.1 | 37.6 | 37.3 |
| Manuf. of chemicals and chemical products | 36.1 | 36.3 | 39.4 | 39.5 | 39.6 | 40.7 | 38.7 | 43.1 | 39.2 | 39.3 |
| Manuf. of rubber and plastic products | 38.0 | 39.3 | 43.0 | 42.3 | 40.1 | 41.9 | 39.7 | 44.1 | 41.1 | 41.1 |
| Manuf. of other non-metallic mineral products | 42.5 | 43.0 | 44.9 | 44.7 | 42.9 | 44.9 | 41.4 | 46.7 | 43.9 | 43.8 |
| Manuf. of basic metals | 36.3 | 37.2 | 40.2 | 40.1 | 39.1 | 41.5 | 38.3 | 40.9 | 39.2 | 39.3 |
| Manuf. of fabric. metal products, except machinery and equip. | 42.2 | 43.0 | 46.6 | 46.9 | 45.1 | 48.2 | 45.5 | 48.8 | 45.8 | 46.0 |
| Manuf. of machinery and equipment n.e.c. | 41.2 | 42.5 | 44.9 | 45.3 | 43.9 | 46.0 | 42.9 | 48.5 | 44.4 | 44.5 |
| Manuf. of office machinery and computers | 41.0 | 45.2 | 49.3 | 47.3 | 47.0 | 49.0 | 45.1 | 50.5 | 46.8 | 46.9 |
| Manuf. of electrical machinery and apparatus n.e.c. | 38.8 | 39.7 | 41.9 | 43.0 | 42.7 | 44.6 | 41.6 | 45.8 | 42.2 | 42.4 |
| Manuf. of radio, television and communication equipment | 34.4 | 35.2 | 39.4 | 38.8 | 40.4 | 43.2 | 41.1 | 45.5 | 39.7 | 40.0 |
| Manuf. of medical, precision and optical instruments | 52.1 | 54.1 | 59.1 | 57.0 | 55.0 | 56.1 | 54.8 | 58.9 | 55.9 | 56.0 |
| Manuf. of motor vehicles, trailers and semi-trailers | 32.6 | 33.6 | 37.2 | 38.3 | 37.4 | 38.6 | 36.4 | 41.0 | 36.9 | 37.1 |
| Manuf. of other transport equipment | 38.8 | 37.3 | 41.0 | 41.0 | 39.7 | 41.9 | 40.2 | 45.9 | 40.7 | 40.8 |
| Manuf. of furniture; manufacturing n.e.c. | 40.6 | 42.7 | 46.5 | 46.5 | 45.1 | 46.7 | 44.2 | 49.1 | 45.2 | 45.4 |
| Recycling | 43.1 | 46.2 | 49.8 | 48.8 | 45.9 | 44.2 | 42.9 | 50.3 | 46.4 | 46.2 |
| Electricity, gas, steam and hot water supply | 42.0 | 38.4 | 41.3 | 39.0 | 43.8 | 40.0 | 37.9 | 49.6 | 41.5 | 41.3 |
| Collection, purification and distribution of water | 34.2 | 32.5 | 35.3 | 32.4 | 33.7 | 32.1 | 29.7 | 38.7 | 33.6 | 33.0 |
| Construction | 48.8 | 49.8 | 52.6 | 51.8 | 48.9 | 48.3 | 46.5 | 51.4 | 49.8 | 49.6 |
| Sale, maintenance and repair of motor vehicles and motorcycles | 52.7 | 54.4 | 57.2 | 57.1 | 55.0 | 54.4 | 53.3 | 57.5 | 55.2 | 55.2 |
| Wholesale trade and commission trade, except of motor vehicles | 51.5 | 52.8 | 55.4 | 55.6 | 54.0 | 52.2 | 50.5 | 57.8 | 53.7 | 53.6 |
| Retail trade, except of motor vehicles and motorcycles | 57.5 | 58.7 | 61.2 | 61.2 | 57.3 | 55.8 | 53.4 | 58.9 | 58.0 | 57.6 |
| Hotels and restaurants | 47.0 | 47.6 | 50.8 | 51.3 | 49.8 | 47.8 | 46.5 | 50.4 | 48.9 | 48.9 |
| Land transport; transport via pipelines | 46.1 | 47.1 | 50.2 | 50.6 | 47.7 | 47.6 | 46.1 | 50.4 | 48.2 | 48.2 |
| Water transport | 48.2 | 48.7 | 53.4 | 51.7 | 50.8 | 52.3 | 51.4 | 57.8 | 51.8 | 51.9 |
| Air transport | 34.3 | 32.9 | 41.8 | 37.3 | 37.1 | 35.2 | 34.6 | 40.2 | 36.7 | 36.9 |
| Supporting and auxiliary transport activities | 49.4 | 50.6 | 53.2 | 52.7 | 50.5 | 50.8 | 48.1 | 53.2 | 51.1 | 51.0 |
| Post and telecommunications | 25.7 | 27.3 | 34.2 | 33.9 | 36.1 | 36.4 | 37.2 | 43.9 | 34.3 | 35.5 |
| Financial intermediation, except insurance and pension funding | 53.4 | 58.3 | 67.6 | 67.8 | 72.1 | 76.2 | 76.4 | 83.6 | 69.4 | 70.9 |
| Insurance and pension funding, except compulsory social security | 37.5 | 41.4 | 58.1 | 76.7 | 66.7 | 66.7 | 100.0 | 100.0 | 68.4 | 53.0 |
| Activities auxiliary to financial intermediation | 59.7 | 61.7 | 66.8 | 65.3 | 65.7 | 66.1 | 65.3 | 66.4 | 64.6 | 65.0 |
| Real estate activities | 61.0 | 63.7 | 66.9 | 65.3 | 66.0 | 63.7 | 61.7 | 67.0 | 64.4 | 64.5 |
| Renting of machinery and equipment without operator | 52.3 | 55.6 | 59.3 | 58.4 | 57.6 | 57.8 | 57.3 | 60.4 | 57.4 | 57.6 |
| Computer and related activities | 44.2 | 46.7 | 49.7 | 50.7 | 51.9 | 54.6 | 53.8 | 57.0 | 51.1 | 51.8 |
| Research and development | 41.1 | 38.6 | 41.3 | 40.0 | 44.0 | 37.3 | 34.7 | 51.6 | 41.1 | 40.2 |
| Other business activities | 55.7 | 58.2 | 61.9 | 60.1 | 59.5 | 59.7 | 59.5 | 63.6 | 59.8 | 60.0 |
| Public administration and defence; compulsory social security | 38.8 | 46.1 | 53.0 | 47.0 | 41.5 | 37.9 | 34.1 | 49.8 | 43.5 | 42.0 |
| Education | 45.8 | 47.9 | 50.3 | 49.9 | 49.5 | 48.2 | 45.1 | 52.2 | 48.6 | 48.6 |
| Health and social work | 50.7 | 51.3 | 51.8 | 50.2 | 48.2 | 49.7 | 46.7 | 48.6 | 49.7 | 49.3 |
| Sewage and refuse disposal, sanitation and similar activities | | 50.0 | 83.8 | 86.2 | 100.0 | 100.0 | | | 84.0 | 80.0 |
| Sewage and refuse disposal, sanitation and similar activities | 45.2 | 47.8 | 50.6 | 47.7 | 45.7 | 45.8 | 43.5 | 47.9 | 46.8 | 46.6 |
| Activities of membership organizations n.e.c. | 43.9 | 47.7 | 52.0 | 48.1 | 47.9 | 45.5 | 56.1 | 50.1 | 48.9 | 50.0 |
| Recreational, cultural and sporting activities | 50.9 | 51.4 | 55.2 | 54.7 | 54.4 | 54.2 | 53.3 | 56.9 | 53.9 | 54.1 |
| Other service activities | 51.5 | 52.8 | 57.0 | 56.2 | 54.9 | 53.8 | 51.8 | 57.0 | 54.4 | 54.5 |
| Activities of households as employers of domestic staff | 55.6 | 47.5 | 50.0 | 53.6 | 47.7 | 49.4 | 48.6 | 64.1 | 52.0 | 52.5 |
| Undifferent. goods producing activities of private households | | | | | | | | | | |
| Undifferent. services producing activities of private households | | | | 0.0 | 25.0 | 33.3 | 66.7 | 50.0 | 35.0 | 40.0 |
| Extra-territorial organizations and bodies | 39.9 | 49.7 | 52.3 | 37.9 | 34.9 | 40.9 | 41.8 | 53.5 | 43.9 | 42.6 |
| SECTOR average | 42.7 | 43.6 | 47.5 | 46.2 | 46.3 | 46.3 | 44.5 | 50.4 | 45.9 | 53.1 |
| ratio of totals | 50.3 | 51.7 | 55.0 | 54.5 | 53.0 | 52.6 | 50.9 | 56.4 | 53.0 | |

II.A.6. PERCENTAGE OF ENTERING ENTERPRISES IN AMADEUS SAMPLE BY SECTOR. 1999-2006

| SECTOR | 1999 | 2000 | 2001 | 2002 | 2003 | 2004 | 2005 | 2006 | time average | ratio of time averages |
|-------------------------------------------------------------------|------|------|------|------|------|------|------|------|--------------|------------------------|
| Agriculture, hunting and related service activities | 4.6 | 4.7 | 4.4 | 3.9 | 3.2 | 2.8 | 2.0 | 1.5 | 3.4 | 3.1 |
| Forestry, logging and related service activities | 7.7 | 6.8 | 5.7 | 5.2 | 6.5 | 7.5 | 2.9 | 2.8 | 5.6 | 5.4 |
| Fishing, fish farming and related service activities | 7.0 | 5.3 | 5.9 | 5.4 | 5.1 | 3.5 | 2.2 | 0.9 | 4.4 | 4.3 |
| Mining of coal and lignite; extraction of peat | 1.4 | 1.9 | 1.9 | 2.8 | 3.2 | 4.8 | 3.5 | 2.0 | 2.7 | 2.8 |
| Extraction of crude petroleum and natural gas | 9.5 | 4.4 | 4.7 | 5.8 | 3.4 | 6.1 | 6.2 | 2.3 | 5.3 | 5.0 |
| Mining of uranium and thorium ores | 12.5 | 7.7 | 8.7 | 8.0 | 2.2 | 4.5 | 12.5 | 5.3 | 7.7 | 6.7 |
| Mining of metal ores | 4.5 | 2.2 | 3.7 | 5.4 | 1.4 | 5.0 | 4.7 | 3.6 | 3.8 | 3.7 |
| Other mining and quarrying | 2.9 | 2.6 | 2.7 | 3.0 | 2.0 | 2.7 | 2.1 | 0.7 | 2.3 | 2.3 |
| Manufacture of food products and beverages | 3.9 | 4.2 | 3.8 | 3.7 | 3.5 | 3.6 | 3.0 | 1.7 | 3.4 | 3.4 |
| Manufacture of tobacco products | 2.9 | 1.9 | 3.1 | 1.6 | 2.5 | 2.6 | 2.1 | 0.5 | 2.1 | 2.2 |
| Manufacture of textiles | 4.0 | 3.1 | 3.8 | 5.4 | 2.5 | 2.8 | 2.1 | 0.8 | 3.1 | 3.1 |
| Manufacture of wearing apparel... | 4.9 | 4.4 | 4.4 | 4.7 | 3.9 | 4.1 | 2.9 | 0.6 | 3.7 | 3.7 |
| Tanning and dressing of leather | 5.5 | 4.4 | 4.9 | 5.9 | 3.2 | 3.9 | 2.9 | 0.5 | 3.9 | 3.9 |
| Manuf. of wood and of products of wood and cork, except furniture | 4.6 | 3.8 | 4.2 | 4.5 | 4.2 | 4.5 | 3.2 | 1.2 | 3.8 | 3.8 |
| Manuf. of pulp, paper and paper products | 3.1 | 2.7 | 2.6 | 3.1 | 2.3 | 2.6 | 1.9 | 1.0 | 2.4 | 2.4 |
| Publishing, printing and reproduction of recorded media | 3.9 | 4.2 | 3.6 | 3.6 | 3.1 | 3.3 | 2.8 | 1.3 | 3.2 | 3.2 |
| Manuf. of coke, refined petroleum products and nuclear fuel | 3.8 | 3.2 | 2.7 | 2.2 | 1.6 | 2.5 | 2.3 | 1.6 | 2.5 | 2.5 |
| Manuf. of chemicals and chemical products | 3.3 | 3.2 | 2.6 | 2.7 | 2.2 | 2.3 | 1.8 | 1.1 | 2.4 | 2.4 |
| Manuf. of rubber and plastic products | 3.4 | 3.1 | 3.1 | 3.7 | 2.5 | 3.1 | 2.4 | 1.0 | 2.8 | 2.8 |
| Manuf. of other non-metallic mineral products | 3.8 | 3.6 | 3.2 | 3.4 | 2.7 | 3.1 | 2.5 | 0.9 | 2.9 | 2.9 |
| Manuf. of basic metals | 3.8 | 4.0 | 3.5 | 4.0 | 2.4 | 2.7 | 2.2 | 0.8 | 2.9 | 2.9 |
| Manuf. of fabric. metal products, except machinery and equip. | 3.9 | 4.2 | 4.3 | 4.6 | 3.2 | 3.8 | 3.1 | 1.4 | 3.6 | 3.5 |
| Manuf. of machinery and equipment n.e.c. | 3.5 | 3.8 | 3.3 | 3.8 | 2.4 | 2.8 | 2.4 | 1.4 | 2.9 | 2.9 |
| Manuf. of office machinery and computers | 6.6 | 5.7 | 5.3 | 5.4 | 3.5 | 3.7 | 2.3 | 1.5 | 4.3 | 4.2 |
| Manuf. of electrical machinery and apparatus n.e.c. | 3.4 | 3.7 | 3.4 | 3.7 | 2.3 | 2.6 | 2.2 | 1.2 | 2.8 | 2.8 |
| Manuf. of radio, television and communication equipment | 4.0 | 4.6 | 3.3 | 3.9 | 2.6 | 3.0 | 2.6 | 1.7 | 3.2 | 3.2 |
| Manuf. of medical, precision and optical instruments | 3.8 | 3.9 | 3.0 | 3.4 | 3.0 | 2.9 | 2.5 | 1.7 | 3.0 | 3.0 |
| Manuf. of motor vehicles, trailers and semi-trailers | 4.2 | 3.7 | 4.1 | 3.6 | 2.7 | 2.5 | 2.7 | 1.3 | 3.1 | 3.0 |
| Manuf. of other transport equipment | 4.7 | 5.2 | 4.5 | 5.2 | 3.7 | 4.3 | 3.7 | 1.9 | 4.2 | 4.1 |
| Manuf. of furniture; manufacturing n.e.c. | 4.7 | 4.4 | 4.3 | 4.4 | 3.6 | 3.8 | 3.1 | 1.1 | 3.7 | 3.6 |
| Recycling | 6.6 | 6.5 | 5.6 | 5.7 | 4.4 | 5.4 | 4.3 | 1.9 | 5.0 | 4.9 |
| Electricity, gas, steam and hot water supply | 8.2 | 7.1 | 5.4 | 6.0 | 4.0 | 3.7 | 3.4 | 6.3 | 5.5 | 5.0 |
| Collection, purification and distribution of water | 4.7 | 4.9 | 4.2 | 4.6 | 2.4 | 2.0 | 1.5 | 0.7 | 3.1 | 2.8 |
| Construction | 5.6 | 6.2 | 6.6 | 6.7 | 5.3 | 6.0 | 5.7 | 2.3 | 5.6 | 5.5 |
| Sale, maintenance and repair of motor vehicles and motorcycles | 4.5 | 4.9 | 4.6 | 4.6 | 4.0 | 4.2 | 3.7 | 1.8 | 4.0 | 4.0 |
| Wholesale trade and commission trade, except of motor vehicles | 4.4 | 4.7 | 4.5 | 4.8 | 4.0 | 3.8 | 3.2 | 1.5 | 3.9 | 3.8 |
| Retail trade, except of motor vehicles and motorcycles | 5.6 | 6.0 | 5.7 | 5.5 | 5.1 | 5.4 | 4.3 | 2.1 | 5.0 | 4.9 |
| Hotels and restaurants | 8.1 | 9.3 | 8.7 | 8.3 | 7.3 | 7.8 | 6.9 | 2.9 | 7.4 | 7.2 |
| Land transport; transport via pipelines | 5.0 | 5.2 | 4.9 | 4.8 | 5.0 | 6.0 | 4.7 | 1.7 | 4.7 | 4.7 |
| Water transport | 4.7 | 5.0 | 4.4 | 4.3 | 4.1 | 4.4 | 5.3 | 3.6 | 4.5 | 4.5 |
| Air transport | 4.4 | 4.4 | 2.8 | 4.3 | 4.1 | 3.2 | 3.0 | 2.6 | 3.6 | 3.5 |
| Supporting and auxiliary transport activities | 4.8 | 5.1 | 4.6 | 5.4 | 4.0 | 4.0 | 3.6 | 2.1 | 4.2 | 4.2 |
| Post and telecommunications | 15.2 | 15.2 | 11.6 | 11.0 | 10.5 | 9.7 | 7.8 | 4.2 | 10.7 | 9.9 |
| Financial intermediation, except insurance and pension funding | 4.3 | 4.2 | 3.7 | 6.3 | 4.2 | 3.4 | 3.4 | 0.8 | 3.8 | 3.8 |
| Insurance and pension funding, except compulsory social security | 7.1 | 10.0 | 3.2 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 2.5 | 5.2 |
| Activities auxiliary to financial intermediation | 7.2 | 7.6 | 6.0 | 6.0 | 4.7 | 4.5 | 4.4 | 3.0 | 5.4 | 5.2 |
| Real estate activities | 6.6 | 6.5 | 5.7 | 5.7 | 4.8 | 5.4 | 5.1 | 2.4 | 5.3 | 5.1 |
| Renting of machinery and equipment without operator | 6.8 | 6.3 | 6.1 | 6.2 | 5.0 | 5.0 | 4.5 | 2.0 | 5.2 | 5.1 |
| Computer and related activities | 11.8 | 12.9 | 10.8 | 9.2 | 6.9 | 6.9 | 5.9 | 3.1 | 8.4 | 7.9 |
| Research and development | 10.9 | 9.0 | 7.5 | 6.6 | 5.3 | 3.9 | 3.5 | 3.4 | 6.3 | 5.5 |
| Other business activities | 7.8 | 8.3 | 7.2 | 7.6 | 7.2 | 7.4 | 6.5 | 3.5 | 6.9 | 6.8 |
| Public administration and defence; compulsory social security | 16.3 | 10.2 | 7.9 | 7.9 | 5.0 | 4.5 | 3.1 | 4.9 | 7.5 | 6.0 |
| Education | 7.7 | 8.0 | 7.8 | 7.9 | 5.7 | 5.1 | 4.9 | 2.8 | 6.2 | 5.9 |
| Health and social work | 6.5 | 6.3 | 6.3 | 7.0 | 6.9 | 7.2 | 5.8 | 2.9 | 6.1 | 6.1 |
| Sewage and refuse disposal, sanitation and similar activities | | 6.3 | 1.5 | 0.0 | 0.0 | 0.0 | | | 1.5 | 1.7 |
| Sewage and refuse disposal, sanitation and similar activities | 5.5 | 4.9 | 4.5 | 5.2 | 3.7 | 3.4 | 3.5 | 1.8 | 4.1 | 3.9 |
| Activities of membership organizations n.e.c. | 8.5 | 8.4 | 6.9 | 6.4 | 5.0 | 4.5 | 2.3 | 2.9 | 5.6 | 4.8 |
| Recreational, cultural and sporting activities | 7.0 | 7.6 | 6.8 | 6.9 | 5.8 | 6.1 | 5.1 | 2.5 | 6.0 | 5.8 |
| Other service activities | 8.6 | 9.5 | 8.0 | 7.9 | 7.4 | 7.2 | 6.7 | 3.8 | 7.4 | 7.2 |
| Activities of households as employers of domestic staff | 7.8 | 9.1 | 9.6 | 14.3 | 15.7 | 16.0 | 14.5 | 3.2 | 11.3 | 11.4 |
| Undifferent. goods producing activities of private households | | | | | | | | | | |
| Undifferent. services producing activities of private households | | | | 0.0 | 25.0 | 66.7 | 0.0 | 25.0 | 23.3 | 26.7 |
| Extra-territorial organizations and bodies | 8.8 | 6.7 | 9.2 | 18.9 | 3.4 | 4.7 | 8.5 | 6.3 | 8.3 | 8.0 |
| SECTOR average | 5.9 | 6.0 | 5.0 | 5.3 | 4.4 | 5.3 | 3.8 | 2.5 | 4.8 | 5.0 |
| ratio of totals | 5.7 | 6.1 | 5.7 | 5.9 | 5.0 | 5.2 | 4.5 | 2.2 | 5.0 | |

II.A.7. PERCENTAGE OF EXITING ENTERPRISES IN AMADEUS SAMPLE BY SECTOR. 1999-2006

| SECTOR | 1999 | 2000 | 2001 | 2002 | 2003 | 2004 | 2005 | 2006 | time average | ratio of time averages |
|-------------------------------------------------------------------|------|------|------|------|-------|------|------|------|--------------|------------------------|
| Agriculture, hunting and related service activities | 1.1 | 1.5 | 1.3 | 2.5 | 3.7 | 4.7 | 4.1 | 11.3 | 3.8 | 4.0 |
| Forestry, logging and related service activities | 0.5 | 0.5 | 1.7 | 2.2 | 3.5 | 3.6 | 3.4 | 10.1 | 3.2 | 3.4 |
| Fishing, fish farming and related service activities | 1.5 | 1.0 | 3.3 | 3.5 | 4.3 | 5.6 | 7.5 | 20.4 | 5.9 | 5.7 |
| Mining of coal and lignite; extraction of peat | 2.9 | 2.0 | 2.1 | 4.9 | 20.6 | 12.5 | 6.5 | 12.2 | 8.0 | 7.9 |
| Extraction of crude petroleum and natural gas | 2.1 | 2.2 | 4.1 | 5.1 | 5.2 | 17.2 | 5.0 | 14.8 | 7.0 | 7.1 |
| Mining of uranium and thorium ores | 0.0 | 0.0 | 0.0 | 4.0 | 10.9 | 27.3 | 0.0 | 5.3 | 5.9 | 7.2 |
| Mining of metal ores | 0.8 | 2.2 | 2.9 | 1.5 | 2.6 | 27.2 | 10.5 | 15.5 | 7.9 | 8.4 |
| Other mining and quarrying | 1.0 | 1.1 | 1.4 | 2.5 | 3.0 | 5.9 | 4.4 | 10.6 | 3.7 | 3.8 |
| Manufacture of food products and beverages | 1.5 | 1.6 | 2.5 | 3.2 | 3.8 | 5.6 | 5.1 | 10.6 | 4.2 | 4.4 |
| Manufacture of tobacco products | 1.0 | 2.2 | 3.8 | 2.3 | 4.1 | 5.8 | 3.8 | 9.8 | 4.1 | 4.0 |
| Manufacture of textiles | 2.6 | 1.9 | 3.1 | 3.6 | 5.3 | 7.3 | 6.8 | 11.1 | 5.2 | 5.2 |
| Manufacture of wearing apparel... | 3.4 | 2.4 | 3.6 | 4.3 | 5.9 | 7.6 | 5.8 | 12.3 | 5.7 | 5.8 |
| Tanning and dressing of leather | 3.7 | 2.7 | 4.4 | 3.8 | 5.7 | 8.1 | 6.7 | 10.6 | 5.7 | 5.7 |
| Manuf. of wood and of products of wood and cork, except furniture | 1.0 | 1.2 | 1.8 | 2.5 | 4.1 | 5.2 | 4.9 | 11.1 | 4.0 | 4.2 |
| Manuf. of pulp, paper and paper products | 1.4 | 2.1 | 2.1 | 2.7 | 3.8 | 4.9 | 5.6 | 8.9 | 3.9 | 4.0 |
| Publishing, printing and reproduction of recorded media | 1.3 | 1.6 | 2.5 | 3.8 | 5.0 | 5.7 | 6.1 | 13.2 | 4.9 | 5.0 |
| Manuf. of coke, refined petroleum products and nuclear fuel | 1.3 | 0.7 | 2.5 | 2.1 | 7.5 | 4.2 | 4.6 | 8.0 | 3.9 | 3.8 |
| Manuf. of chemicals and chemical products | 1.4 | 1.5 | 2.3 | 2.8 | 3.8 | 5.1 | 4.9 | 10.0 | 4.0 | 4.0 |
| Manuf. of rubber and plastic products | 1.4 | 1.4 | 2.1 | 2.6 | 4.0 | 4.7 | 4.9 | 9.4 | 3.8 | 3.9 |
| Manuf. of other non-metallic mineral products | 1.3 | 1.3 | 1.9 | 2.4 | 3.9 | 4.6 | 4.8 | 9.9 | 3.8 | 3.9 |
| Manuf. of basic metals | 1.8 | 1.6 | 1.9 | 3.1 | 4.9 | 6.2 | 5.3 | 9.6 | 4.3 | 4.3 |
| Manuf. of fabric. metal products, except machinery and equip. | 1.1 | 1.2 | 1.8 | 2.5 | 3.9 | 4.6 | 4.9 | 9.3 | 3.7 | 3.8 |
| Manuf. of machinery and equipment n.e.c. | 1.2 | 1.2 | 1.7 | 2.6 | 3.8 | 4.5 | 5.0 | 9.7 | 3.7 | 3.8 |
| Manuf. of office machinery and computers | 1.9 | 1.8 | 2.1 | 4.3 | 6.0 | 6.3 | 6.4 | 12.5 | 5.2 | 5.1 |
| Manuf. of electrical machinery and apparatus n.e.c. | 1.5 | 1.6 | 2.1 | 2.8 | 4.4 | 4.5 | 4.9 | 9.8 | 3.9 | 4.0 |
| Manuf. of radio, television and communication equipment | 1.5 | 1.4 | 2.4 | 3.8 | 5.2 | 5.6 | 5.6 | 10.3 | 4.5 | 4.6 |
| Manuf. of medical, precision and optical instruments | 0.8 | 0.9 | 1.5 | 2.8 | 3.6 | 4.4 | 5.7 | 12.1 | 4.0 | 4.1 |
| Manuf. of motor vehicles, trailers and semi-trailers | 1.1 | 1.4 | 2.1 | 2.8 | 4.7 | 4.7 | 4.9 | 9.6 | 3.9 | 4.0 |
| Manuf. of other transport equipment | 1.5 | 1.4 | 2.5 | 3.0 | 5.6 | 4.7 | 5.7 | 12.0 | 4.5 | 4.7 |
| Manuf. of furniture; manufacturing n.e.c. | 1.5 | 1.6 | 2.5 | 3.3 | 4.3 | 5.5 | 5.8 | 11.3 | 4.5 | 4.6 |
| Recycling | 0.6 | 1.1 | 2.0 | 3.1 | 3.5 | 4.7 | 5.2 | 10.4 | 3.8 | 4.1 |
| Electricity, gas, steam and hot water supply | 1.2 | 1.4 | 2.3 | 3.0 | 4.1 | 5.3 | 4.7 | 12.7 | 4.3 | 4.6 |
| Collection, purification and distribution of water | 0.9 | 0.9 | 1.3 | 1.7 | 2.9 | 3.7 | 3.6 | 12.8 | 3.5 | 3.4 |
| Construction | 1.0 | 1.2 | 1.8 | 2.6 | 3.9 | 4.9 | 5.5 | 11.4 | 4.0 | 4.4 |
| Sale, maintenance and repair of motor vehicles and motorcycles | 1.0 | 1.2 | 2.0 | 2.9 | 3.7 | 4.8 | 5.2 | 11.4 | 4.0 | 4.2 |
| Wholesale trade and commission trade, except of motor vehicles | 1.3 | 1.5 | 2.2 | 3.3 | 4.3 | 4.9 | 5.8 | 11.6 | 4.4 | 4.5 |
| Retail trade, except of motor vehicles and motorcycles | 1.1 | 1.3 | 2.3 | 3.3 | 4.3 | 5.4 | 5.4 | 12.6 | 4.5 | 4.8 |
| Hotels and restaurants | 1.1 | 1.6 | 2.5 | 3.9 | 4.8 | 6.4 | 6.9 | 14.9 | 5.3 | 5.9 |
| Land transport; transport via pipelines | 1.0 | 1.3 | 2.1 | 2.9 | 3.8 | 5.0 | 5.2 | 11.3 | 4.1 | 4.4 |
| Water transport | 1.3 | 1.6 | 2.3 | 4.5 | 5.1 | 6.9 | 8.1 | 14.5 | 5.5 | 5.7 |
| Air transport | 2.0 | 2.2 | 3.4 | 4.0 | 10.6 | 7.6 | 5.6 | 8.1 | 5.4 | 5.9 |
| Supporting and auxiliary transport activities | 1.2 | 1.5 | 2.1 | 3.3 | 4.5 | 5.3 | 6.3 | 12.3 | 4.6 | 4.8 |
| Post and telecommunications | 1.8 | 3.6 | 5.1 | 5.3 | 6.5 | 6.4 | 6.3 | 18.9 | 6.7 | 7.1 |
| Financial intermediation, except insurance and pension funding | 1.1 | 2.8 | 3.5 | 8.5 | 7.1 | 8.5 | 23.2 | 20.6 | 9.4 | 10.2 |
| Insurance and pension funding, except compulsory social security | 1.8 | 0.0 | 1.6 | 4.7 | 8.3 | 0.0 | 0.0 | 0.0 | 2.0 | 2.0 |
| Activities auxiliary to financial intermediation | 0.8 | 1.4 | 2.1 | 5.4 | 5.5 | 8.3 | 9.4 | 16.1 | 6.1 | 6.7 |
| Real estate activities | 1.2 | 1.4 | 2.3 | 5.0 | 5.0 | 6.6 | 8.3 | 18.3 | 6.0 | 6.5 |
| Renting of machinery and equipment without operator | 1.0 | 1.3 | 2.4 | 4.0 | 5.8 | 6.2 | 7.5 | 14.7 | 5.4 | 5.8 |
| Computer and related activities | 1.6 | 2.5 | 4.2 | 5.3 | 6.3 | 6.5 | 7.3 | 15.1 | 6.1 | 6.5 |
| Research and development | 1.1 | 1.0 | 1.9 | 4.2 | 6.2 | 4.4 | 4.8 | 13.9 | 4.7 | 4.9 |
| Other business activities | 1.2 | 1.6 | 2.4 | 5.5 | 5.3 | 6.2 | 7.7 | 16.0 | 5.7 | 6.3 |
| Public administration and defence; compulsory social security | 1.1 | 1.1 | 3.1 | 5.1 | 57.4 | 4.5 | 4.1 | 16.2 | 11.6 | 14.0 |
| Education | 1.4 | 1.8 | 2.6 | 3.8 | 6.0 | 5.7 | 6.0 | 15.8 | 5.4 | 5.9 |
| Health and social work | 0.9 | 1.2 | 1.6 | 3.9 | 3.5 | 4.3 | 4.3 | 12.0 | 4.0 | 4.4 |
| Sewage and refuse disposal, sanitation and similar activities | | 0.0 | 0.0 | 3.4 | 0.0 | 0.0 | | | 0.7 | 0.9 |
| Sewage and refuse disposal, sanitation and similar activities | 0.9 | 0.9 | 1.7 | 2.7 | 4.9 | 5.1 | 6.1 | 13.2 | 4.4 | 4.8 |
| Activities of membership organizations n.e.c. | 0.9 | 1.4 | 2.3 | 4.4 | 5.4 | 4.5 | 2.7 | 12.1 | 4.2 | 4.4 |
| Recreational, cultural and sporting activities | 1.4 | 1.8 | 2.6 | 4.3 | 5.1 | 6.1 | 6.9 | 15.2 | 5.4 | 5.8 |
| Other service activities | 1.8 | 2.3 | 3.0 | 4.6 | 5.8 | 6.8 | 7.0 | 15.8 | 5.9 | 6.4 |
| Activities of households as employers of domestic staff | 3.3 | 0.0 | 1.0 | 3.6 | 205.6 | 12.3 | 9.2 | 7.7 | 30.3 | 42.9 |
| Undifferent. goods producing activities of private households | | | | | | | | | | |
| Undifferent. services producing activities of private households | | | | 0.0 | 575.0 | 33.3 | 0.0 | 0.0 | 121.7 | 160.0 |
| Extra-territorial organizations and bodies | 14.6 | 26.3 | 19.2 | 7.8 | 30.7 | 78.2 | 58.5 | 30.2 | 33.2 | 33.2 |
| SECTOR average | 1.7 | 1.8 | 2.6 | 3.5 | 18.9 | 8.2 | 6.6 | 12.0 | 6.9 | 5.1 |
| ratio of totals | 1.2 | 1.5 | 2.3 | 3.7 | 4.6 | 5.5 | 6.3 | 13.2 | 4.8 | |

II.B. EMPLOYEES DISTRIBUTION BY FIRM TYPES IN AMADEUS DATABASE

II.B.1. EMPLOYMENT IN AMADEUS SAMPLE BY SECTOR, 1999-2006

| SECTOR | 1999 | 2000 | 2001 | 2002 | 2003 | 2004 | 2005 | 2006 | time average |
|-------------------------------------------------------------------|-------------------|--------------------|--------------------|--------------------|--------------------|--------------------|--------------------|--------------------|--------------------|
| Agriculture, hunting and related service activities | 907,461 | 1,986,278 | 2,687,789 | 3,880,431 | 3,844,041 | 3,758,750 | 3,164,809 | 1,022,739 | 2,656,537 |
| Forestry, logging and related service activities | 125,180 | 289,728 | 417,209 | 452,488 | 444,286 | 408,959 | 401,955 | 96,323 | 329,516 |
| Fishing, fish farming and related service activities | 37,213 | 121,236 | 129,824 | 127,757 | 118,083 | 115,492 | 100,875 | 48,330 | 99,851 |
| Mining of coal and lignite; extraction of peat | 239,744 | 885,881 | 953,351 | 757,298 | 796,268 | 614,430 | 811,502 | 80,855 | 642,416 |
| Extraction of crude petroleum and natural gas | 359,181 | 1,108,123 | 1,259,187 | 978,050 | 1,117,752 | 737,180 | 507,811 | 356,517 | 802,975 |
| Mining of uranium and thorium ores | 4,593 | 12,666 | 24,126 | 14,260 | 14,254 | 13,382 | 13,689 | 6,533 | 12,938 |
| Mining of metal ores | 90,961 | 399,700 | 434,933 | 481,008 | 501,107 | 343,400 | 257,855 | 151,651 | 332,577 |
| Other mining and quarrying | 361,862 | 595,351 | 632,569 | 634,998 | 633,893 | 660,884 | 397,128 | 465,588 | 547,784 |
| Manufacture of food products and beverages | 3,708,039 | 5,430,114 | 5,748,590 | 5,907,188 | 6,033,551 | 5,767,709 | 5,542,250 | 3,673,958 | 5,226,425 |
| Manufacture of tobacco products | 227,445 | 247,224 | 234,513 | 249,879 | 239,843 | 260,989 | 233,374 | 205,146 | 237,302 |
| Manufacture of textiles | 1,117,494 | 1,554,548 | 1,508,376 | 1,470,957 | 1,501,429 | 1,315,398 | 1,157,072 | 759,313 | 1,297,698 |
| Manufacture of wearing apparel... | 725,935 | 1,005,888 | 1,027,790 | 1,058,639 | 1,320,940 | 1,286,508 | 1,218,305 | 715,343 | 1,044,919 |
| Tanning and dressing of leather | 294,584 | 421,776 | 429,350 | 418,280 | 519,670 | 492,476 | 445,085 | 257,025 | 409,781 |
| Manuf. of wood and of products of wood and cork, except furniture | 531,811 | 749,738 | 860,593 | 913,324 | 982,777 | 958,811 | 911,689 | 662,542 | 821,411 |
| Manuf. of pulp, paper and paper products | 781,834 | 1,002,259 | 1,077,123 | 1,042,981 | 1,029,187 | 975,321 | 952,072 | 700,536 | 945,164 |
| Publishing, printing and reproduction of recorded media | 1,864,505 | 2,314,289 | 2,705,831 | 2,822,126 | 2,601,244 | 2,418,763 | 2,198,718 | 1,609,199 | 2,316,834 |
| Manuf. of coke, refined petroleum products and nuclear fuel | 290,672 | 431,816 | 476,980 | 513,255 | 455,834 | 432,828 | 421,191 | 246,068 | 408,581 |
| Manuf. of chemicals and chemical products | 3,118,788 | 4,348,786 | 4,670,199 | 4,503,487 | 4,530,326 | 4,146,378 | 3,807,146 | 2,924,329 | 4,006,180 |
| Manuf. of rubber and plastic products | 1,370,231 | 1,820,493 | 1,946,613 | 1,984,243 | 1,993,418 | 1,979,354 | 1,918,042 | 1,482,785 | 1,811,897 |
| Manuf. of other non-metallic mineral products | 1,417,170 | 1,953,519 | 2,131,363 | 2,165,705 | 2,157,513 | 2,105,779 | 1,959,984 | 1,301,508 | 1,899,068 |
| Manuf. of basic metals | 1,096,219 | 2,605,960 | 2,829,184 | 2,595,876 | 2,550,023 | 2,243,545 | 2,058,466 | 1,281,366 | 2,157,580 |
| Manuf. of fabric. metal products, except machinery and equip. | 2,548,746 | 3,704,215 | 3,778,937 | 3,902,836 | 3,846,815 | 3,513,535 | 3,543,839 | 2,706,344 | 3,443,158 |
| Manuf. of machinery and equipment n.e.c. | 3,388,913 | 4,714,794 | 5,122,405 | 5,219,624 | 5,050,871 | 4,914,593 | 4,641,828 | 3,368,957 | 4,552,748 |
| Manuf. of office machinery and computers | 272,743 | 328,452 | 415,522 | 475,773 | 421,854 | 355,443 | 303,308 | 241,198 | 351,787 |
| Manuf. of electrical machinery and apparatus n.e.c. | 1,553,429 | 2,006,176 | 2,137,661 | 2,059,761 | 2,253,197 | 2,152,844 | 2,020,194 | 1,510,772 | 1,961,754 |
| Manuf. of radio, television and communication equipment | 1,513,978 | 1,972,581 | 2,096,297 | 2,197,130 | 2,042,004 | 1,584,054 | 1,362,576 | 1,127,232 | 1,736,982 |
| Manuf. of medical, precision and optical instruments | 894,987 | 1,210,969 | 1,330,157 | 1,424,460 | 1,303,626 | 1,239,839 | 1,193,980 | 890,249 | 1,186,033 |
| Manuf. of motor vehicles, trailers and semi-trailers | 2,668,746 | 3,944,153 | 4,034,893 | 4,024,475 | 4,020,384 | 3,801,384 | 3,420,179 | 2,693,622 | 3,575,980 |
| Manuf. of other transport equipment | 732,349 | 1,551,633 | 1,771,015 | 1,835,682 | 1,512,219 | 1,525,679 | 1,411,346 | 1,016,297 | 1,419,528 |
| Manuf. of furniture; manufacturing n.e.c. | 1,316,607 | 1,374,603 | 1,455,817 | 1,566,046 | 1,603,245 | 1,662,305 | 1,539,112 | 1,071,434 | 1,448,646 |
| Recycling | 54,693 | 88,995 | 114,867 | 135,308 | 152,415 | 173,324 | 174,715 | 147,034 | 130,169 |
| Electricity, gas, steam and hot water supply | 1,316,739 | 2,782,358 | 3,380,421 | 3,373,427 | 3,509,512 | 3,074,500 | 2,619,303 | 1,356,822 | 2,676,635 |
| Collection, purification and distribution of water | 745,234 | 901,725 | 1,110,362 | 1,011,485 | 853,340 | 639,189 | 586,858 | 295,272 | 767,933 |
| Construction | 5,677,515 | 6,862,899 | 8,115,096 | 8,770,018 | 9,581,466 | 10,050,269 | 10,060,994 | 7,692,375 | 8,351,329 |
| Sale, maintenance and repair of motor vehicles and motorcycles | 1,714,202 | 1,997,543 | 2,265,532 | 2,398,930 | 2,571,070 | 2,788,369 | 2,843,622 | 2,207,223 | 2,348,311 |
| Wholesale trade and commission trade, except of motor vehicles | 6,467,336 | 7,371,617 | 8,803,825 | 10,021,274 | 10,296,265 | 11,617,402 | 11,592,687 | 8,029,996 | 9,275,050 |
| Retail trade, except of motor vehicles and motorcycles | 7,466,869 | 8,576,507 | 9,732,009 | 10,551,681 | 11,307,592 | 11,734,158 | 11,472,618 | 9,358,326 | 10,024,970 |
| Hotels and restaurants | 2,571,939 | 3,177,996 | 3,603,667 | 3,939,318 | 4,631,292 | 4,329,042 | 4,313,204 | 3,680,944 | 3,780,925 |
| Land transport; transport via pipelines | 2,852,452 | 4,144,630 | 6,148,294 | 6,178,588 | 6,252,353 | 5,536,307 | 5,152,999 | 3,455,692 | 4,965,164 |
| Water transport | 295,128 | 514,442 | 595,611 | 578,032 | 530,933 | 466,797 | 375,427 | 370,550 | 465,865 |
| Air transport | 475,140 | 630,197 | 739,228 | 709,251 | 644,890 | 537,926 | 558,733 | 438,879 | 591,781 |
| Supporting and auxiliary transport activities | 1,497,583 | 1,865,791 | 2,129,734 | 2,310,190 | 2,399,454 | 2,369,709 | 2,433,754 | 1,968,819 | 2,121,879 |
| Post and telecommunications | 2,428,506 | 3,702,371 | 4,552,416 | 5,177,195 | 5,135,397 | 4,725,625 | 4,607,457 | 2,880,321 | 4,151,161 |
| Financial intermediation, except insurance and pension funding | 2,223,183 | 2,332,477 | 2,554,260 | 2,320,756 | 1,898,519 | 1,700,354 | 1,311,087 | 1,113,306 | 1,931,743 |
| Insurance and pension funding, except compulsory social security | 9,130 | 11,039 | 7,887 | 6,932 | 588 | 26 | 12 | 8 | 4,453 |
| Activities auxiliary to financial intermediation | 294,392 | 372,226 | 434,452 | 514,421 | 501,234 | 490,819 | 504,748 | 415,163 | 440,932 |
| Real estate activities | 1,392,165 | 1,655,054 | 1,964,325 | 2,416,441 | 2,631,877 | 2,659,852 | 2,582,738 | 1,847,071 | 2,143,690 |
| Renting of machinery and equipment without operator | 295,993 | 345,366 | 414,261 | 463,854 | 468,467 | 456,966 | 451,419 | 404,024 | 412,544 |
| Computer and related activities | 1,378,509 | 1,761,945 | 2,117,985 | 2,305,431 | 2,399,110 | 2,374,242 | 2,290,088 | 2,091,596 | 2,089,863 |
| Research and development | 243,166 | 807,297 | 1,125,046 | 1,224,081 | 929,502 | 868,624 | 804,192 | 300,834 | 787,843 |
| Other business activities | 18,046,573 | 21,458,449 | 24,554,333 | 26,380,113 | 27,639,701 | 29,853,263 | 29,791,434 | 27,476,261 | 25,650,016 |
| Public administration and defence; compulsory social security | 92,914 | 162,418 | 198,631 | 185,032 | 312,664 | 292,034 | 318,226 | 153,812 | 214,466 |
| Education | 303,081 | 388,373 | 463,269 | 680,762 | 774,669 | 835,138 | 900,322 | 569,415 | 614,379 |
| Health and social work | 1,572,072 | 1,985,093 | 2,265,266 | 2,716,590 | 3,054,336 | 3,211,085 | 3,441,397 | 2,996,690 | 2,655,316 |
| Sewage and refuse disposal, sanitation and similar activities | 0 | 67 | 157 | 81 | 1 | 1 | 0 | 0 | 38 |
| Sewage and refuse disposal, sanitation and similar activities | 289,064 | 382,932 | 440,054 | 531,959 | 649,814 | 693,278 | 637,558 | 469,895 | 511,819 |
| Activities of membership organizations n.e.c. | 59,173 | 73,713 | 90,742 | 144,898 | 193,809 | 194,577 | 186,695 | 119,801 | 132,926 |
| Recreational, cultural and sporting activities | 923,326 | 1,160,630 | 1,327,686 | 1,371,670 | 1,450,368 | 1,421,471 | 1,409,080 | 1,261,883 | 1,290,764 |
| Other service activities | 682,649 | 813,583 | 1,102,921 | 1,128,105 | 1,073,540 | 1,011,895 | 1,011,607 | 892,383 | 964,585 |
| Activities of households as employers of domestic staff | 4,763 | 4,961 | 4,697 | 3,040 | 4,262 | 2,832 | 2,415 | 2,710 | 3,710 |
| Undifferent. goods producing activities of private households | 0 | 0 | 0 | 0 | 8 | 0 | 0 | 0 | 1 |
| Undifferent. services producing activities of private households | 0 | 0 | 0 | 6 | 225 | 6 | 9 | 24 | 34 |
| Extra-territorial organizations and bodies | 12,602 | 9,655 | 6,344 | 11,334 | 18,705 | 15,267 | 12,395 | 8,967 | 11,909 |
| TOTAL | 94,947,718 | 126,432,530 | 144,696,056 | 153,240,470 | 157,308,590 | 155,911,051 | 150,363,711 | 114,679,890 | 137,197,502 |

II.B.2. PROPORTION OF CONTINUING FIRMS EMPLOYEES IN TOTAL EMPLOYEES IN AMADEUS SAMPLE BY SECTOR. 1999-2006

| SECTOR | 1999 | 2000 | 2001 | 2002 | 2003 | 2004 | 2005 | 2006 | time average | ratio of time averages |
|-------------------------------------------------------------------|-------|-------|-------|-------|-------|-------|-------|-------|--------------|------------------------|
| Agriculture, hunting and related service activities | 98.7 | 97.1 | 98.8 | 98.6 | 98.4 | 95.1 | 98.1 | 95.9 | 97.6 | 97.6 |
| Forestry, logging and related service activities | 98.7 | 98.8 | 99.1 | 99.1 | 98.3 | 96.0 | 99.2 | 88.6 | 97.2 | 98.1 |
| Fishing, fish farming and related service activities | 96.7 | 98.8 | 98.0 | 98.4 | 96.9 | 94.8 | 97.7 | 91.7 | 96.6 | 97.1 |
| Mining of coal and lignite; extraction of peat | 99.7 | 99.7 | 99.5 | 97.9 | 79.9 | 88.5 | 94.2 | 95.0 | 94.3 | 94.1 |
| Extraction of crude petroleum and natural gas | 96.4 | 99.2 | 99.7 | 98.9 | 99.3 | 80.5 | 87.9 | 99.0 | 95.1 | 96.1 |
| Mining of uranium and thorium ores | 100.0 | 100.0 | 100.0 | 60.3 | 99.9 | 99.5 | 99.7 | 99.8 | 94.9 | 94.4 |
| Mining of metal ores | 99.7 | 99.8 | 99.8 | 99.0 | 99.9 | 88.3 | 81.4 | 99.7 | 95.9 | 96.4 |
| Other mining and quarrying | 67.7 | 99.6 | 99.6 | 98.2 | 98.9 | 98.9 | 98.7 | 96.8 | 94.8 | 96.2 |
| Manufacture of food products and beverages | 98.3 | 98.0 | 98.3 | 97.8 | 97.7 | 96.4 | 97.8 | 96.1 | 97.6 | 97.6 |
| Manufacture of tobacco products | 99.8 | 98.9 | 98.6 | 99.6 | 99.8 | 98.3 | 99.1 | 99.4 | 99.2 | 99.2 |
| Manufacture of textiles | 98.4 | 98.8 | 97.3 | 97.6 | 97.3 | 95.2 | 96.7 | 95.3 | 97.1 | 97.2 |
| Manufacture of wearing apparel... | 97.8 | 99.0 | 98.3 | 98.0 | 97.7 | 96.5 | 97.1 | 96.2 | 97.6 | 97.6 |
| Tanning and dressing of leather | 98.0 | 98.6 | 97.4 | 97.7 | 97.5 | 95.7 | 97.6 | 96.3 | 97.3 | 97.3 |
| Manuf. of wood and of products of wood and cork, except furniture | 98.5 | 98.7 | 98.4 | 97.8 | 97.8 | 95.5 | 96.9 | 96.7 | 97.6 | 97.5 |
| Manuf. of pulp, paper and paper products | 98.2 | 98.7 | 97.8 | 98.0 | 98.2 | 96.2 | 97.8 | 95.4 | 97.5 | 97.6 |
| Publishing, printing and reproduction of recorded media | 98.4 | 97.1 | 97.6 | 94.6 | 89.0 | 96.4 | 92.4 | 94.4 | 95.0 | 94.9 |
| Manuf. of coke, refined petroleum products and nuclear fuel | 99.3 | 99.5 | 98.7 | 99.3 | 99.1 | 98.3 | 99.0 | 96.1 | 98.7 | 98.8 |
| Manuf. of chemicals and chemical products | 99.3 | 97.8 | 98.8 | 98.7 | 98.4 | 96.5 | 97.6 | 96.9 | 98.0 | 98.0 |
| Manuf. of rubber and plastic products | 98.0 | 99.0 | 98.8 | 98.2 | 98.4 | 96.5 | 96.7 | 95.0 | 97.6 | 97.6 |
| Manuf. of other non-metallic mineral products | 98.9 | 98.7 | 99.0 | 97.7 | 98.5 | 96.3 | 98.2 | 92.8 | 97.5 | 97.7 |
| Manuf. of basic metals | 98.3 | 97.3 | 98.7 | 96.6 | 97.2 | 89.4 | 97.4 | 96.0 | 96.4 | 96.4 |
| Manuf. of fabric. metal products, except machinery and equip. | 97.8 | 98.5 | 97.7 | 97.5 | 97.3 | 94.2 | 97.6 | 95.7 | 97.1 | 97.1 |
| Manuf. of machinery and equipment n.e.c. | 98.8 | 97.8 | 98.3 | 98.4 | 97.3 | 96.4 | 97.1 | 94.6 | 97.3 | 97.4 |
| Manuf. of office machinery and computers | 98.1 | 98.1 | 99.2 | 98.8 | 84.9 | 97.0 | 98.2 | 96.3 | 96.3 | 96.1 |
| Manuf. of electrical machinery and apparatus n.e.c. | 97.9 | 98.6 | 98.7 | 98.1 | 98.0 | 97.2 | 97.4 | 95.0 | 97.6 | 97.7 |
| Manuf. of radio, television and communication equipment | 98.6 | 99.4 | 99.1 | 97.6 | 97.8 | 84.8 | 97.8 | 97.2 | 96.5 | 96.7 |
| Manuf. of medical, precision and optical instruments | 99.0 | 99.1 | 98.3 | 97.7 | 97.0 | 96.0 | 97.5 | 94.2 | 97.3 | 97.4 |
| Manuf. of motor vehicles, trailers and semi-trailers | 99.3 | 98.8 | 99.0 | 99.3 | 98.3 | 94.1 | 98.3 | 97.1 | 98.0 | 98.0 |
| Manuf. of other transport equipment | 99.0 | 98.5 | 98.4 | 98.3 | 89.9 | 98.1 | 98.7 | 91.8 | 96.6 | 96.7 |
| Manuf. of furniture; manufacturing n.e.c. | 98.2 | 98.1 | 98.1 | 97.9 | 97.6 | 96.7 | 97.2 | 95.4 | 97.4 | 97.4 |
| Recycling | 98.1 | 97.6 | 97.3 | 98.2 | 97.9 | 95.7 | 96.5 | 97.1 | 97.3 | 97.2 |
| Electricity, gas, steam and hot water supply | 95.0 | 98.5 | 99.0 | 97.4 | 98.6 | 93.6 | 98.2 | 97.1 | 97.2 | 97.4 |
| Collection, purification and distribution of water | 99.7 | 98.9 | 99.6 | 99.1 | 99.1 | 98.0 | 98.0 | 96.6 | 98.6 | 98.9 |
| Construction | 98.3 | 97.9 | 97.5 | 97.4 | 97.4 | 96.9 | 97.0 | 94.2 | 97.1 | 97.0 |
| Sale, maintenance and repair of motor vehicles and motorcycles | 98.3 | 97.7 | 97.9 | 97.7 | 97.5 | 97.4 | 97.1 | 95.4 | 97.4 | 97.4 |
| Wholesale trade and commission trade, except of motor vehicles | 97.7 | 97.9 | 97.7 | 98.1 | 96.4 | 97.4 | 96.8 | 94.2 | 97.0 | 97.0 |
| Retail trade, except of motor vehicles and motorcycles | 97.9 | 98.0 | 98.2 | 97.9 | 97.6 | 96.9 | 96.5 | 95.7 | 97.3 | 97.3 |
| Hotels and restaurants | 97.9 | 93.8 | 97.3 | 97.0 | 97.6 | 97.0 | 96.0 | 94.7 | 96.4 | 96.4 |
| Land transport; transport via pipelines | 98.2 | 98.5 | 97.3 | 99.0 | 98.8 | 96.7 | 98.0 | 90.3 | 97.1 | 97.4 |
| Water transport | 98.9 | 95.6 | 98.5 | 99.2 | 98.1 | 93.9 | 97.3 | 96.7 | 97.3 | 97.3 |
| Air transport | 98.1 | 99.2 | 96.5 | 99.5 | 99.3 | 95.6 | 98.8 | 96.6 | 98.0 | 98.0 |
| Supporting and auxiliary transport activities | 98.4 | 98.2 | 98.1 | 96.8 | 97.8 | 95.7 | 97.2 | 94.4 | 97.1 | 97.0 |
| Post and telecommunications | 96.2 | 99.3 | 92.4 | 97.3 | 96.3 | 96.8 | 98.9 | 92.3 | 96.2 | 96.3 |
| Financial intermediation, except insurance and pension funding | 96.9 | 97.7 | 96.9 | 94.6 | 95.8 | 88.9 | 92.7 | 91.3 | 94.3 | 94.9 |
| Insurance and pension funding, except compulsory social security | 98.6 | 99.9 | 97.9 | 99.6 | 32.7 | 100.0 | 100.0 | 100.0 | 91.1 | 98.0 |
| Activities auxiliary to financial intermediation | 96.7 | 96.6 | 96.8 | 95.1 | 95.4 | 94.1 | 93.9 | 92.3 | 95.1 | 95.0 |
| Real estate activities | 98.2 | 97.3 | 96.6 | 96.7 | 97.2 | 95.3 | 95.1 | 93.0 | 96.2 | 96.1 |
| Renting of machinery and equipment without operator | 98.3 | 98.1 | 94.7 | 98.2 | 97.3 | 96.9 | 96.3 | 94.8 | 96.8 | 96.8 |
| Computer and related activities | 97.3 | 96.5 | 96.2 | 96.7 | 97.4 | 94.6 | 95.5 | 94.8 | 96.1 | 96.1 |
| Research and development | 97.2 | 99.2 | 99.3 | 94.3 | 93.2 | 96.6 | 97.2 | 87.0 | 95.5 | 96.1 |
| Other business activities | 97.3 | 97.6 | 97.2 | 97.5 | 96.7 | 96.4 | 94.8 | 93.8 | 96.4 | 96.3 |
| Public administration and defence; compulsory social security | 90.6 | 96.7 | 94.5 | 94.7 | 95.9 | 95.3 | 96.1 | 91.1 | 94.4 | 94.9 |
| Education | 97.8 | 97.7 | 97.4 | 97.7 | 97.8 | 97.4 | 97.3 | 93.5 | 97.1 | 97.1 |
| Health and social work | 97.0 | 97.0 | 98.2 | 97.4 | 98.0 | 96.6 | 96.7 | 93.5 | 96.8 | 96.7 |
| Sewage and refuse disposal, sanitation and similar activities | | 98.5 | 99.4 | 98.8 | 100.0 | 100.0 | | | 99.3 | 99.0 |
| Sewage and refuse disposal, sanitation and similar activities | 98.2 | 98.3 | 98.0 | 98.0 | 98.2 | 96.6 | 92.7 | 94.3 | 96.8 | 96.6 |
| Activities of membership organizations n.e.c. | 98.3 | 96.3 | 97.8 | 97.8 | 98.0 | 95.2 | 88.0 | 94.8 | 95.8 | 95.2 |
| Recreational, cultural and sporting activities | 97.3 | 94.4 | 97.7 | 96.5 | 96.2 | 95.7 | 96.9 | 95.0 | 96.2 | 96.2 |
| Other service activities | 96.7 | 96.3 | 96.6 | 97.0 | 89.4 | 94.3 | 96.2 | 93.5 | 95.0 | 94.9 |
| Activities of households as employers of domestic staff | 94.9 | 98.7 | 97.0 | 98.2 | 72.9 | 84.5 | 93.0 | 94.9 | 91.8 | 91.9 |
| Undifferent. goods producing activities of private households | | | | | 0.0 | | | | 0.0 | 0.0 |
| Undifferent. services producing activities of private households | | | | 100.0 | 4.9 | 33.3 | 100.0 | 95.8 | 66.8 | 18.9 |
| Extra-territorial organizations and bodies | 90.9 | 78.8 | 86.5 | 87.4 | 89.8 | 73.0 | 83.1 | 68.6 | 82.3 | 82.8 |
| SECTOR average | 96.7 | 97.5 | 97.8 | 97.1 | 92.0 | 93.9 | 96.3 | 94.6 | 95.7 | 96.9 |
| ratio of totals | 97.8 | 97.9 | 97.7 | 97.7 | 97.0 | 95.9 | 96.5 | 94.5 | 96.9 | |

II.B.3. PROPORTION OF EMPLOYMENT CREATOR CONTINUING FIRM EMPLOYEES IN TOTAL EMPLOYEES IN AMADEUS SAMPLE BY SECTOR. 1999-2006

| SECTOR | 1999 | 2000 | 2001 | 2002 | 2003 | 2004 | 2005 | 2006 | time average | ratio of time averages |
|-------------------------------------------------------------------|------|------|------|------|------|------|------|------|--------------|------------------------|
| Agriculture, hunting and related service activities | 49.0 | 28.5 | 32.4 | 34.2 | 33.9 | 29.5 | 35.5 | 25.2 | 33.5 | 33.0 |
| Forestry, logging and related service activities | 30.8 | 53.4 | 40.2 | 33.3 | 46.8 | 29.4 | 44.5 | 29.6 | 38.5 | 39.7 |
| Fishing, fish farming and related service activities | 31.6 | 39.4 | 25.7 | 27.6 | 24.8 | 32.5 | 40.4 | 32.7 | 31.8 | 31.5 |
| Mining of coal and lignite; extraction of peat | 12.2 | 26.6 | 37.7 | 21.4 | 26.1 | 23.5 | 28.9 | 17.8 | 24.3 | 27.0 |
| Extraction of crude petroleum and natural gas | 14.4 | 44.4 | 49.4 | 53.6 | 42.3 | 24.6 | 50.6 | 33.7 | 39.1 | 42.4 |
| Mining of uranium and thorium ores | 0.0 | 62.4 | 46.2 | 56.4 | 1.8 | 0.2 | 57.4 | 2.4 | 28.4 | 34.2 |
| Mining of metal ores | 41.6 | 78.0 | 35.5 | 31.2 | 19.8 | 39.6 | 56.2 | 51.3 | 44.1 | 41.8 |
| Other mining and quarrying | 23.5 | 65.0 | 31.4 | 18.5 | 55.5 | 58.2 | 35.3 | 24.4 | 39.0 | 40.6 |
| Manufacture of food products and beverages | 42.7 | 50.0 | 45.3 | 41.6 | 40.4 | 39.9 | 41.2 | 41.1 | 42.8 | 42.8 |
| Manufacture of tobacco products | 65.4 | 23.0 | 17.6 | 50.9 | 65.3 | 68.9 | 64.6 | 66.2 | 52.7 | 52.5 |
| Manufacture of textiles | 29.5 | 38.4 | 31.9 | 28.4 | 29.4 | 29.6 | 30.1 | 32.1 | 31.2 | 31.3 |
| Manufacture of wearing apparel... | 43.3 | 44.9 | 38.9 | 37.3 | 39.0 | 39.5 | 35.2 | 40.6 | 39.8 | 39.5 |
| Tanning and dressing of leather | 42.1 | 47.6 | 39.4 | 35.1 | 36.9 | 31.2 | 37.1 | 40.8 | 38.8 | 38.3 |
| Manuf. of wood and of products of wood and cork, except furniture | 39.5 | 48.4 | 39.8 | 37.7 | 37.3 | 40.5 | 40.6 | 35.8 | 39.9 | 39.9 |
| Manuf. of pulp, paper and paper products | 36.0 | 49.0 | 46.5 | 41.4 | 37.9 | 31.8 | 37.1 | 27.2 | 38.4 | 39.0 |
| Publishing, printing and reproduction of recorded media | 54.7 | 54.6 | 38.5 | 47.0 | 32.5 | 33.5 | 39.7 | 39.6 | 42.5 | 42.2 |
| Manuf. of coke, refined petroleum products and nuclear fuel | 25.5 | 59.2 | 55.7 | 46.7 | 31.0 | 30.4 | 34.4 | 61.9 | 43.1 | 43.0 |
| Manuf. of chemicals and chemical products | 41.9 | 51.8 | 50.5 | 38.7 | 35.9 | 34.9 | 37.0 | 52.1 | 42.8 | 42.6 |
| Manuf. of rubber and plastic products | 48.5 | 49.5 | 40.8 | 33.0 | 41.3 | 43.3 | 39.4 | 37.0 | 41.6 | 41.4 |
| Manuf. of other non-metallic mineral products | 45.8 | 47.7 | 42.4 | 38.4 | 34.5 | 39.3 | 42.4 | 42.3 | 41.6 | 41.3 |
| Manuf. of basic metals | 36.7 | 59.8 | 49.3 | 29.4 | 30.3 | 37.5 | 49.8 | 50.3 | 42.9 | 42.9 |
| Manuf. of fabric. metal products, except machinery and equip. | 44.4 | 45.5 | 41.5 | 34.5 | 34.6 | 35.7 | 44.5 | 41.1 | 40.2 | 39.9 |
| Manuf. of machinery and equipment n.e.c. | 40.8 | 44.5 | 40.6 | 33.1 | 38.8 | 34.9 | 38.9 | 49.0 | 40.1 | 39.6 |
| Manuf. of office machinery and computers | 54.4 | 55.5 | 59.0 | 29.6 | 26.7 | 41.7 | 48.2 | 31.5 | 43.3 | 42.6 |
| Manuf. of electrical machinery and apparatus n.e.c. | 37.2 | 40.6 | 36.6 | 28.1 | 34.1 | 45.6 | 40.9 | 37.7 | 37.6 | 37.6 |
| Manuf. of radio, television and communication equipment | 74.0 | 30.8 | 63.7 | 15.9 | 16.1 | 23.3 | 63.9 | 28.1 | 39.5 | 38.1 |
| Manuf. of medical, precision and optical instruments | 56.5 | 51.6 | 45.0 | 36.2 | 33.6 | 37.5 | 41.9 | 44.5 | 43.4 | 42.6 |
| Manuf. of motor vehicles, trailers and semi-trailers | 68.4 | 55.1 | 43.8 | 32.4 | 53.3 | 44.0 | 52.7 | 37.6 | 48.4 | 47.9 |
| Manuf. of other transport equipment | 51.0 | 51.4 | 47.1 | 45.3 | 32.6 | 47.7 | 53.9 | 53.8 | 47.8 | 47.2 |
| Manuf. of furniture; manufacturing n.e.c. | 37.2 | 48.0 | 38.2 | 34.0 | 37.6 | 38.1 | 38.7 | 35.1 | 38.4 | 38.4 |
| Recycling | 37.2 | 49.0 | 45.2 | 40.3 | 39.6 | 50.2 | 47.8 | 66.1 | 46.9 | 47.8 |
| Electricity, gas, steam and hot water supply | 34.6 | 45.2 | 45.5 | 43.8 | 34.6 | 33.3 | 46.5 | 32.3 | 39.5 | 40.3 |
| Collection, purification and distribution of water | 80.4 | 52.3 | 69.4 | 68.6 | 36.2 | 44.4 | 46.3 | 44.4 | 55.2 | 57.5 |
| Construction | 41.9 | 42.7 | 39.2 | 38.2 | 40.5 | 40.3 | 45.5 | 46.7 | 41.9 | 41.8 |
| Sale, maintenance and repair of motor vehicles and motorcycles | 45.1 | 42.0 | 38.2 | 38.5 | 41.4 | 44.3 | 43.0 | 39.3 | 41.5 | 41.5 |
| Wholesale trade and commission trade, except of motor vehicles | 44.2 | 45.8 | 43.3 | 37.4 | 40.2 | 46.8 | 45.7 | 44.3 | 43.4 | 43.4 |
| Retail trade, except of motor vehicles and motorcycles | 54.5 | 55.8 | 50.9 | 48.6 | 51.1 | 48.0 | 45.0 | 50.2 | 50.5 | 50.1 |
| Hotels and restaurants | 57.4 | 46.9 | 43.3 | 44.4 | 42.5 | 34.2 | 47.3 | 37.8 | 44.2 | 43.5 |
| Land transport; transport via pipelines | 53.6 | 48.3 | 39.5 | 48.3 | 47.1 | 32.5 | 42.0 | 39.3 | 43.8 | 43.3 |
| Water transport | 49.8 | 36.5 | 39.0 | 49.8 | 45.0 | 42.1 | 41.6 | 58.9 | 45.3 | 44.7 |
| Air transport | 78.8 | 60.1 | 41.8 | 52.6 | 39.7 | 31.3 | 54.3 | 38.7 | 49.7 | 49.3 |
| Supporting and auxiliary transport activities | 52.9 | 52.7 | 49.3 | 39.7 | 40.2 | 41.7 | 43.1 | 45.1 | 45.6 | 45.0 |
| Post and telecommunications | 54.2 | 65.9 | 51.2 | 46.1 | 27.4 | 27.4 | 51.3 | 47.7 | 46.4 | 44.9 |
| Financial intermediation, except insurance and pension funding | 69.0 | 66.6 | 51.8 | 39.6 | 47.8 | 39.2 | 56.5 | 55.1 | 53.2 | 53.4 |
| Insurance and pension funding, except compulsory social security | 83.7 | 89.3 | 76.4 | 83.1 | 0.7 | 11.5 | 0.0 | 0.0 | 43.1 | 82.2 |
| Activities auxiliary to financial intermediation | 50.3 | 43.3 | 45.7 | 36.8 | 34.5 | 39.9 | 41.0 | 38.9 | 41.3 | 40.7 |
| Real estate activities | 41.1 | 40.1 | 39.5 | 36.7 | 40.7 | 38.3 | 41.2 | 43.5 | 40.1 | 40.0 |
| Renting of machinery and equipment without operator | 52.5 | 55.6 | 46.8 | 38.9 | 41.3 | 44.6 | 49.6 | 48.8 | 47.3 | 46.7 |
| Computer and related activities | 71.4 | 62.0 | 56.3 | 44.2 | 36.6 | 44.5 | 50.3 | 51.5 | 52.1 | 50.6 |
| Research and development | 50.9 | 48.9 | 44.5 | 36.8 | 31.8 | 39.1 | 42.9 | 46.7 | 42.7 | 41.1 |
| Other business activities | 58.2 | 59.0 | 51.6 | 46.2 | 44.3 | 48.9 | 56.1 | 60.6 | 53.1 | 52.7 |
| Public administration and defence; compulsory social security | 30.6 | 48.5 | 49.3 | 34.2 | 35.3 | 54.1 | 36.3 | 43.8 | 41.5 | 41.9 |
| Education | 51.0 | 47.4 | 48.9 | 46.4 | 45.1 | 44.7 | 39.9 | 47.0 | 46.3 | 45.4 |
| Health and social work | 51.6 | 43.6 | 42.9 | 43.9 | 44.1 | 43.3 | 42.1 | 45.2 | 44.6 | 44.2 |
| Sewage and refuse disposal, sanitation and similar activities | | 32.8 | 17.8 | 30.9 | 0.0 | 0.0 | | | 16.3 | 24.4 |
| Sewage and refuse disposal, sanitation and similar activities | 54.7 | 47.7 | 45.8 | 44.5 | 50.1 | 40.8 | 46.1 | 49.3 | 47.4 | 46.7 |
| Activities of membership organizations n.e.c. | 47.5 | 41.2 | 41.5 | 30.7 | 21.9 | 24.8 | 27.1 | 34.7 | 33.7 | 30.4 |
| Recreational, cultural and sporting activities | 46.8 | 52.1 | 46.4 | 48.1 | 44.6 | 44.7 | 45.3 | 46.1 | 46.8 | 46.6 |
| Other service activities | 46.9 | 44.4 | 37.6 | 48.0 | 40.0 | 39.1 | 43.3 | 43.9 | 42.9 | 42.7 |
| Activities of households as employers of domestic staff | 44.4 | 48.7 | 50.6 | 55.5 | 28.0 | 49.0 | 40.6 | 39.6 | 44.5 | 44.6 |
| Undifferent. goods producing activities of private households | | | | | 0.0 | | | | 0.0 | 0.0 |
| Undifferent. services producing activities of private households | | | | 0.0 | 0.0 | 0.0 | 55.6 | 0.0 | 11.1 | 1.9 |
| Extra-territorial organizations and bodies | 44.6 | 46.1 | 29.7 | 49.4 | 47.4 | 27.5 | 33.0 | 38.9 | 39.6 | 40.1 |
| SECTOR average | 46.0 | 49.3 | 43.8 | 39.4 | 34.7 | 36.2 | 42.7 | 41.2 | 41.7 | 44.9 |
| ratio of totals | 50.7 | 50.7 | 45.6 | 40.9 | 40.4 | 41.2 | 46.5 | 47.8 | 45.5 | |

II.B.4. PROPORTION OF EMPLOYMENT DESTROYER CONTINUING FIRMS EMPLOYEES IN TOTAL EMPLOYEES IN AMADEUS SAMPLE BY SECTOR. 1999-2006

| SECTOR | 1999 | 2000 | 2001 | 2002 | 2003 | 2004 | 2005 | 2006 | time average | ratio of time averages |
|-------------------------------------------------------------------|-------|------|------|-------|------|------|------|------|--------------|------------------------|
| Agriculture, hunting and related service activities | 31.5 | 57.8 | 53.5 | 53.9 | 52.0 | 51.6 | 51.3 | 43.3 | 49.4 | 51.6 |
| Forestry, logging and related service activities | 48.6 | 36.8 | 49.0 | 55.8 | 35.0 | 53.2 | 34.2 | 33.6 | 43.3 | 44.3 |
| Fishing, fish farming and related service activities | 35.7 | 43.5 | 48.2 | 52.7 | 38.8 | 36.9 | 36.5 | 29.2 | 40.2 | 42.0 |
| Mining of coal and lignite; extraction of peat | 69.4 | 60.4 | 57.3 | 60.7 | 37.3 | 54.0 | 63.7 | 61.1 | 58.0 | 56.5 |
| Extraction of crude petroleum and natural gas | 81.0 | 54.0 | 44.3 | 43.7 | 36.7 | 53.5 | 33.1 | 63.1 | 51.2 | 47.8 |
| Mining of uranium and thorium ores | 100.0 | 9.8 | 39.2 | 2.0 | 72.2 | 72.6 | 16.5 | 38.6 | 43.9 | 39.0 |
| Mining of metal ores | 54.7 | 20.2 | 60.8 | 66.3 | 36.0 | 41.5 | 21.7 | 45.1 | 43.3 | 43.6 |
| Other mining and quarrying | 28.2 | 22.2 | 55.7 | 66.8 | 29.1 | 26.9 | 44.7 | 60.2 | 41.7 | 41.8 |
| Manufacture of food products and beverages | 42.1 | 36.5 | 39.7 | 43.1 | 38.5 | 41.0 | 42.7 | 38.6 | 40.3 | 40.3 |
| Manufacture of tobacco products | 31.4 | 73.1 | 76.4 | 46.1 | 24.6 | 25.9 | 30.0 | 29.0 | 42.1 | 42.3 |
| Manufacture of textiles | 52.5 | 47.0 | 50.3 | 53.2 | 46.7 | 45.9 | 49.5 | 41.2 | 48.3 | 48.6 |
| Manufacture of wearing apparel... | 40.3 | 41.3 | 43.7 | 45.6 | 44.4 | 42.0 | 49.4 | 41.7 | 43.5 | 43.9 |
| Tanning and dressing of leather | 41.4 | 38.9 | 46.2 | 48.9 | 42.9 | 48.6 | 48.1 | 35.5 | 43.8 | 44.4 |
| Manuf. of wood and of products of wood and cork, except furniture | 32.2 | 28.0 | 35.3 | 36.6 | 33.1 | 31.3 | 33.8 | 36.8 | 33.4 | 33.4 |
| Manuf. of pulp, paper and paper products | 49.7 | 38.9 | 38.7 | 44.1 | 38.7 | 49.7 | 47.5 | 52.2 | 44.9 | 44.4 |
| Publishing, printing and reproduction of recorded media | 24.0 | 25.1 | 22.5 | 30.7 | 39.4 | 44.0 | 33.4 | 33.5 | 31.6 | 31.7 |
| Manuf. of coke, refined petroleum products and nuclear fuel | 68.8 | 36.0 | 37.6 | 46.6 | 57.2 | 60.0 | 55.8 | 23.1 | 48.1 | 48.5 |
| Manuf. of chemicals and chemical products | 49.9 | 39.5 | 40.5 | 50.9 | 47.9 | 52.4 | 51.3 | 35.1 | 45.9 | 46.1 |
| Manuf. of rubber and plastic products | 32.3 | 34.3 | 37.9 | 42.2 | 35.6 | 36.5 | 39.5 | 42.0 | 37.5 | 37.6 |
| Manuf. of other non-metallic mineral products | 36.1 | 38.0 | 40.9 | 44.2 | 43.0 | 39.6 | 38.8 | 31.4 | 39.0 | 39.6 |
| Manuf. of basic metals | 48.0 | 31.3 | 38.3 | 59.2 | 41.8 | 40.2 | 37.1 | 34.7 | 41.3 | 41.3 |
| Manuf. of fabric. metal products, except machinery and equip. | 32.3 | 36.1 | 33.8 | 40.3 | 34.5 | 34.3 | 31.5 | 29.0 | 34.0 | 34.3 |
| Manuf. of machinery and equipment n.e.c. | 40.5 | 39.0 | 42.4 | 49.9 | 39.8 | 44.5 | 43.0 | 25.9 | 40.6 | 41.3 |
| Manuf. of office machinery and computers | 37.5 | 34.0 | 31.9 | 62.0 | 44.4 | 39.3 | 35.9 | 52.1 | 42.1 | 42.7 |
| Manuf. of electrical machinery and apparatus n.e.c. | 47.9 | 47.3 | 49.2 | 55.2 | 47.1 | 36.1 | 41.4 | 41.1 | 45.6 | 45.7 |
| Manuf. of radio, television and communication equipment | 19.8 | 64.6 | 28.0 | 75.2 | 74.6 | 53.7 | 25.0 | 61.0 | 50.2 | 51.9 |
| Manuf. of medical, precision and optical instruments | 23.8 | 31.7 | 34.6 | 43.6 | 42.1 | 38.9 | 35.8 | 24.1 | 34.3 | 35.3 |
| Manuf. of motor vehicles, trailers and semi-trailers | 26.5 | 39.7 | 50.4 | 59.9 | 29.5 | 43.4 | 38.6 | 51.7 | 42.5 | 42.9 |
| Manuf. of other transport equipment | 41.2 | 41.6 | 44.3 | 47.4 | 45.6 | 42.8 | 35.1 | 29.2 | 40.9 | 41.7 |
| Manuf. of furniture; manufacturing n.e.c. | 36.9 | 34.2 | 41.2 | 44.5 | 39.9 | 38.1 | 39.7 | 38.1 | 39.1 | 39.2 |
| Recycling | 32.9 | 26.3 | 26.0 | 35.2 | 27.7 | 23.0 | 29.2 | 12.4 | 26.6 | 26.0 |
| Electricity, gas, steam and hot water supply | 47.0 | 49.5 | 43.5 | 48.9 | 43.1 | 51.0 | 43.3 | 56.6 | 47.8 | 47.1 |
| Collection, purification and distribution of water | 15.0 | 43.0 | 17.7 | 25.3 | 47.0 | 41.0 | 39.2 | 38.4 | 33.3 | 31.9 |
| Construction | 32.5 | 31.9 | 28.1 | 34.7 | 32.3 | 34.0 | 30.7 | 24.4 | 31.1 | 31.2 |
| Sale, maintenance and repair of motor vehicles and motorcycles | 25.9 | 27.4 | 26.5 | 28.9 | 28.2 | 26.0 | 28.8 | 27.5 | 27.4 | 27.4 |
| Wholesale trade and commission trade, except of motor vehicles | 30.3 | 27.0 | 25.1 | 37.5 | 33.1 | 28.7 | 29.8 | 24.1 | 29.5 | 29.7 |
| Retail trade, except of motor vehicles and motorcycles | 28.7 | 26.0 | 27.9 | 32.3 | 30.3 | 32.8 | 35.5 | 28.2 | 30.2 | 30.5 |
| Hotels and restaurants | 25.3 | 29.5 | 30.8 | 34.5 | 38.2 | 44.4 | 31.7 | 39.2 | 34.2 | 34.9 |
| Land transport; transport via pipelines | 29.4 | 38.0 | 30.6 | 39.0 | 29.9 | 48.2 | 37.7 | 33.7 | 35.8 | 36.1 |
| Water transport | 40.1 | 52.8 | 38.1 | 42.2 | 35.8 | 41.3 | 44.8 | 28.3 | 40.4 | 40.7 |
| Air transport | 15.8 | 35.4 | 39.2 | 43.6 | 40.8 | 60.7 | 41.6 | 35.8 | 39.1 | 39.6 |
| Supporting and auxiliary transport activities | 23.7 | 26.4 | 26.9 | 39.1 | 38.4 | 36.5 | 38.0 | 32.6 | 32.7 | 33.4 |
| Post and telecommunications | 37.3 | 28.6 | 30.4 | 48.8 | 60.6 | 65.9 | 42.5 | 41.0 | 44.4 | 45.9 |
| Financial intermediation, except insurance and pension funding | 23.5 | 27.3 | 39.6 | 46.9 | 39.8 | 38.3 | 24.1 | 22.4 | 32.7 | 33.8 |
| Insurance and pension funding, except compulsory social security | 10.8 | 7.0 | 8.7 | 2.7 | 20.6 | 0.0 | 0.0 | 0.0 | 6.2 | 7.7 |
| Activities auxiliary to financial intermediation | 23.5 | 24.5 | 22.8 | 31.4 | 33.9 | 26.8 | 27.2 | 22.6 | 26.6 | 27.0 |
| Real estate activities | 35.0 | 34.9 | 32.9 | 39.9 | 32.3 | 33.9 | 31.9 | 27.4 | 33.5 | 33.6 |
| Renting of machinery and equipment without operator | 28.0 | 23.6 | 27.1 | 34.0 | 39.1 | 33.1 | 27.7 | 26.2 | 29.8 | 30.3 |
| Computer and related activities | 15.8 | 22.5 | 24.5 | 37.9 | 42.2 | 32.6 | 28.9 | 25.1 | 28.7 | 29.8 |
| Research and development | 30.7 | 42.7 | 39.7 | 47.5 | 38.1 | 43.6 | 43.8 | 25.8 | 39.0 | 41.4 |
| Other business activities | 29.6 | 28.1 | 31.3 | 39.0 | 41.2 | 34.9 | 26.6 | 23.3 | 31.8 | 31.9 |
| Public administration and defence; compulsory social security | 50.2 | 38.3 | 30.1 | 44.8 | 47.5 | 32.1 | 49.9 | 35.6 | 41.1 | 41.2 |
| Education | 25.6 | 27.2 | 24.4 | 28.0 | 23.1 | 24.4 | 30.0 | 23.7 | 25.8 | 26.0 |
| Health and social work | 19.1 | 26.3 | 25.4 | 26.6 | 27.8 | 25.9 | 29.8 | 26.5 | 25.9 | 26.4 |
| Sewage and refuse disposal, sanitation and similar activities | | 53.7 | 21.7 | 0.0 | 0.0 | 0.0 | | | 15.1 | 22.8 |
| Sewage and refuse disposal, sanitation and similar activities | 24.0 | 32.6 | 33.7 | 33.5 | 32.4 | 30.0 | 30.6 | 29.7 | 30.8 | 31.1 |
| Activities of membership organizations n.e.c. | 26.2 | 28.0 | 26.2 | 20.6 | 40.8 | 33.8 | 39.0 | 35.1 | 31.2 | 32.8 |
| Recreational, cultural and sporting activities | 36.4 | 28.5 | 34.3 | 32.8 | 34.5 | 33.3 | 33.7 | 31.7 | 33.2 | 33.1 |
| Other service activities | 27.8 | 29.3 | 22.2 | 28.1 | 27.9 | 31.1 | 29.8 | 25.9 | 27.8 | 27.7 |
| Activities of households as employers of domestic staff | 24.9 | 45.8 | 37.0 | 30.5 | 31.2 | 19.8 | 36.4 | 17.7 | 30.4 | 31.6 |
| Undifferent. goods producing activities of private households | | | | | 0.0 | | | | 0.0 | 0.0 |
| Undifferent. services producing activities of private households | | | | 100.0 | 4.4 | 0.0 | 0.0 | 79.2 | 36.7 | 13.0 |
| Extra-territorial organizations and bodies | 41.8 | 26.0 | 35.8 | 31.4 | 35.6 | 39.0 | 46.7 | 21.4 | 34.7 | 35.6 |
| SECTOR average | 36.1 | 35.2 | 36.6 | 42.7 | 37.6 | 38.3 | 37.0 | 34.4 | 37.2 | 36.0 |
| ratio of totals | 32.5 | 33.9 | 34.3 | 41.9 | 38.7 | 38.7 | 34.6 | 30.4 | 35.6 | |

II.B.5. PROPORTION OF STABLE EMPLOYMENT CONTINUING FIRMS EMPLOYEES IN TOTAL EMPLOYEES IN AMADEUS SAMPLE BY SECTOR. 1999-2006

| SECTOR | 1999 | 2000 | 2001 | 2002 | 2003 | 2004 | 2005 | 2006 | time average | ratio of time averages |
|-------------------------------------------------------------------|------|------|------|------|-------|-------|-------|-------|--------------|------------------------|
| Agriculture, hunting and related service activities | 18.2 | 10.7 | 12.9 | 10.5 | 12.5 | 14.0 | 11.3 | 27.4 | 14.7 | 13.1 |
| Forestry, logging and related service activities | 19.3 | 8.6 | 9.8 | 10.0 | 16.5 | 13.3 | 20.5 | 25.4 | 15.4 | 14.0 |
| Fishing, fish farming and related service activities | 29.3 | 16.0 | 24.2 | 18.1 | 33.3 | 25.5 | 20.7 | 29.8 | 24.6 | 23.6 |
| Mining of coal and lignite; extraction of peat | 18.1 | 12.8 | 4.4 | 15.8 | 16.5 | 11.0 | 1.6 | 16.1 | 12.0 | 10.6 |
| Extraction of crude petroleum and natural gas | 0.9 | 0.8 | 6.0 | 1.6 | 20.3 | 2.4 | 4.2 | 2.2 | 4.8 | 5.9 |
| Mining of uranium and thorium ores | 0.0 | 27.7 | 14.6 | 1.9 | 25.9 | 26.6 | 25.7 | 58.9 | 22.7 | 21.2 |
| Mining of metal ores | 3.4 | 1.6 | 3.5 | 1.4 | 44.1 | 7.2 | 3.4 | 3.3 | 8.5 | 11.0 |
| Other mining and quarrying | 16.0 | 12.3 | 12.5 | 12.9 | 14.3 | 13.8 | 18.7 | 12.2 | 14.1 | 13.8 |
| Manufacture of food products and beverages | 13.5 | 11.5 | 13.3 | 13.2 | 18.9 | 15.4 | 13.9 | 16.4 | 14.5 | 14.5 |
| Manufacture of tobacco products | 2.9 | 2.8 | 4.6 | 2.7 | 9.9 | 3.6 | 4.5 | 4.2 | 4.4 | 4.4 |
| Manufacture of textiles | 16.4 | 13.3 | 15.1 | 15.9 | 21.2 | 19.7 | 17.1 | 22.0 | 17.6 | 17.3 |
| Manufacture of wearing apparel... | 14.3 | 12.9 | 15.6 | 15.2 | 14.3 | 15.1 | 12.5 | 13.9 | 14.2 | 14.2 |
| Tanning and dressing of leather | 14.4 | 12.1 | 11.8 | 13.7 | 17.7 | 16.0 | 12.3 | 20.0 | 14.7 | 14.6 |
| Manuf. of wood and of products of wood and cork, except furniture | 26.8 | 22.3 | 23.3 | 23.5 | 27.5 | 23.7 | 22.5 | 24.2 | 24.2 | 24.2 |
| Manuf. of pulp, paper and paper products | 12.4 | 10.8 | 12.6 | 12.6 | 21.5 | 14.7 | 13.2 | 16.0 | 14.2 | 14.2 |
| Publishing, printing and reproduction of recorded media | 19.7 | 17.4 | 36.6 | 16.9 | 17.0 | 18.8 | 19.4 | 21.3 | 20.9 | 21.1 |
| Manuf. of coke, refined petroleum products and nuclear fuel | 4.9 | 4.3 | 5.5 | 6.0 | 10.9 | 7.9 | 8.8 | 11.0 | 7.4 | 7.3 |
| Manuf. of chemicals and chemical products | 7.5 | 6.5 | 7.8 | 9.1 | 14.7 | 9.2 | 9.4 | 9.8 | 9.2 | 9.3 |
| Manuf. of rubber and plastic products | 17.2 | 15.2 | 20.0 | 23.1 | 21.4 | 16.7 | 17.8 | 16.0 | 18.4 | 18.6 |
| Manuf. of other non-metallic mineral products | 17.0 | 12.9 | 15.7 | 15.0 | 21.0 | 17.4 | 17.0 | 19.1 | 16.9 | 16.8 |
| Manuf. of basic metals | 13.6 | 6.3 | 11.2 | 8.0 | 25.1 | 11.7 | 10.6 | 10.9 | 12.2 | 12.2 |
| Manuf. of fabric. metal products, except machinery and equip. | 21.2 | 16.9 | 22.5 | 22.6 | 28.3 | 24.3 | 21.7 | 25.7 | 22.9 | 22.9 |
| Manuf. of machinery and equipment n.e.c. | 17.4 | 14.3 | 15.3 | 15.4 | 18.7 | 16.9 | 15.3 | 19.7 | 16.6 | 16.5 |
| Manuf. of office machinery and computers | 6.2 | 8.7 | 8.3 | 7.2 | 13.7 | 16.1 | 14.1 | 12.7 | 10.9 | 10.8 |
| Manuf. of electrical machinery and apparatus n.e.c. | 12.8 | 10.7 | 12.9 | 14.8 | 16.8 | 15.5 | 15.0 | 16.3 | 14.4 | 14.4 |
| Manuf. of radio, television and communication equipment | 4.8 | 4.0 | 7.4 | 6.5 | 7.1 | 7.8 | 8.9 | 8.1 | 6.8 | 6.7 |
| Manuf. of medical, precision and optical instruments | 18.7 | 15.8 | 18.7 | 17.9 | 21.2 | 19.6 | 19.9 | 25.6 | 19.7 | 19.5 |
| Manuf. of motor vehicles, trailers and semi-trailers | 4.4 | 3.9 | 4.8 | 7.0 | 15.6 | 6.7 | 7.0 | 7.8 | 7.1 | 7.3 |
| Manuf. of other transport equipment | 6.9 | 5.6 | 7.1 | 5.7 | 11.7 | 7.7 | 9.7 | 8.8 | 7.9 | 7.8 |
| Manuf. of furniture; manufacturing n.e.c. | 24.1 | 15.9 | 18.7 | 19.4 | 20.1 | 20.5 | 18.7 | 22.2 | 19.9 | 19.8 |
| Recycling | 28.0 | 22.3 | 26.2 | 22.7 | 30.6 | 22.5 | 19.5 | 18.6 | 23.8 | 23.3 |
| Electricity, gas, steam and hot water supply | 13.4 | 3.8 | 10.0 | 4.8 | 21.0 | 9.3 | 8.4 | 8.2 | 9.9 | 10.0 |
| Collection, purification and distribution of water | 4.3 | 3.6 | 12.4 | 5.1 | 15.9 | 12.6 | 12.5 | 13.8 | 10.0 | 9.5 |
| Construction | 23.9 | 23.3 | 30.2 | 24.5 | 24.6 | 22.7 | 20.8 | 23.0 | 24.1 | 24.0 |
| Sale, maintenance and repair of motor vehicles and motorcycles | 27.4 | 28.3 | 33.2 | 30.3 | 28.0 | 27.2 | 25.4 | 28.6 | 28.5 | 28.4 |
| Wholesale trade and commission trade, except of motor vehicles | 23.2 | 25.0 | 29.4 | 23.2 | 23.2 | 21.9 | 21.3 | 25.8 | 24.1 | 23.9 |
| Retail trade, except of motor vehicles and motorcycles | 14.6 | 16.2 | 19.4 | 16.9 | 16.2 | 16.1 | 16.0 | 17.3 | 16.6 | 16.6 |
| Hotels and restaurants | 15.2 | 17.4 | 23.2 | 18.0 | 16.9 | 18.4 | 17.1 | 17.7 | 18.0 | 18.0 |
| Land transport; transport via pipelines | 15.2 | 12.2 | 27.3 | 11.7 | 21.9 | 16.0 | 18.3 | 17.4 | 17.5 | 18.0 |
| Water transport | 9.0 | 6.3 | 21.4 | 7.2 | 17.2 | 10.5 | 10.9 | 9.5 | 11.5 | 11.9 |
| Air transport | 3.6 | 3.8 | 15.4 | 3.2 | 18.8 | 3.5 | 2.9 | 22.1 | 9.2 | 9.1 |
| Supporting and auxiliary transport activities | 21.8 | 19.1 | 21.9 | 18.1 | 19.1 | 17.4 | 16.1 | 16.7 | 18.8 | 18.6 |
| Post and telecommunications | 4.7 | 4.7 | 10.7 | 2.4 | 8.3 | 3.6 | 5.0 | 3.6 | 5.4 | 5.5 |
| Financial intermediation, except insurance and pension funding | 4.4 | 3.9 | 5.4 | 8.1 | 8.2 | 11.4 | 12.1 | 13.8 | 8.4 | 7.6 |
| Insurance and pension funding, except compulsory social security | 4.1 | 3.6 | 12.9 | 13.8 | 11.4 | 88.5 | 100.0 | 100.0 | 41.8 | 8.0 |
| Activities auxiliary to financial intermediation | 22.9 | 28.8 | 28.3 | 26.9 | 27.0 | 27.3 | 25.7 | 30.8 | 27.2 | 27.3 |
| Real estate activities | 22.1 | 22.4 | 24.2 | 20.1 | 24.3 | 23.1 | 21.9 | 22.1 | 22.5 | 22.6 |
| Renting of machinery and equipment without operator | 17.8 | 18.9 | 20.8 | 25.3 | 16.9 | 19.2 | 19.0 | 19.7 | 19.7 | 19.8 |
| Computer and related activities | 10.0 | 11.9 | 15.4 | 14.6 | 18.5 | 17.4 | 16.3 | 18.2 | 15.3 | 15.7 |
| Research and development | 15.6 | 7.6 | 15.1 | 10.1 | 23.3 | 13.9 | 10.6 | 14.5 | 13.8 | 13.6 |
| Other business activities | 9.5 | 10.5 | 14.4 | 12.3 | 11.2 | 12.5 | 12.1 | 9.9 | 11.6 | 11.7 |
| Public administration and defence; compulsory social security | 9.7 | 9.9 | 15.1 | 15.8 | 13.1 | 9.2 | 9.8 | 11.8 | 11.8 | 11.7 |
| Education | 21.2 | 23.1 | 24.1 | 23.2 | 29.5 | 28.2 | 27.4 | 22.8 | 24.9 | 25.7 |
| Health and social work | 26.3 | 27.0 | 29.9 | 27.0 | 26.1 | 27.4 | 24.9 | 21.8 | 26.3 | 26.1 |
| Sewage and refuse disposal, sanitation and similar activities | | 11.9 | 59.9 | 67.9 | 100.0 | 100.0 | | | 67.9 | 51.8 |
| Sewage and refuse disposal, sanitation and similar activities | 19.4 | 18.1 | 18.4 | 20.1 | 15.7 | 25.8 | 16.0 | 15.4 | 18.6 | 18.8 |
| Activities of membership organizations n.e.c. | 24.6 | 27.2 | 30.1 | 46.5 | 35.2 | 36.7 | 22.0 | 25.0 | 30.9 | 32.0 |
| Recreational, cultural and sporting activities | 14.1 | 13.7 | 17.0 | 15.6 | 17.1 | 17.7 | 17.9 | 17.2 | 16.3 | 16.4 |
| Other service activities | 22.0 | 22.6 | 36.8 | 20.9 | 21.6 | 24.1 | 23.1 | 23.7 | 24.4 | 24.6 |
| Activities of households as employers of domestic staff | 25.7 | 4.3 | 9.3 | 12.2 | 13.7 | 15.7 | 16.0 | 37.7 | 16.8 | 15.8 |
| Undifferent. goods producing activities of private households | | | | | 0.0 | | | | 0.0 | 0.0 |
| Undifferent. services producing activities of private households | | | | 0.0 | 0.4 | 33.3 | 44.4 | 16.7 | 19.0 | 4.1 |
| Extra-territorial organizations and bodies | 4.5 | 6.7 | 21.0 | 6.6 | 6.8 | 6.5 | 3.3 | 8.3 | 8.0 | 7.0 |
| SECTOR average | 14.6 | 12.9 | 17.5 | 14.9 | 19.7 | 19.4 | 16.7 | 19.0 | 16.8 | 15.9 |
| ratio of totals | 14.6 | 13.3 | 17.9 | 14.8 | 17.9 | 16.0 | 15.5 | 16.3 | 15.8 | |

II.B.6. PROPORTION OF ENTERING FIRMS EMPLOYEES IN TOTAL EMPLOYEES IN AMADEUS SAMPLE BY SECTOR. 1999-2006

| SECTOR | 1999 | 2000 | 2001 | 2002 | 2003 | 2004 | 2005 | 2006 | time average | ratio of time averages |
|-------------------------------------------------------------------|------|------|------|------|------|------|------|------|--------------|------------------------|
| Agriculture, hunting and related service activities | 0.9 | 1.6 | 0.7 | 0.7 | 0.3 | 1.5 | 0.3 | 0.2 | 0.8 | 0.8 |
| Forestry, logging and related service activities | 1.1 | 0.9 | 0.3 | 0.3 | 0.3 | 0.6 | 0.2 | 0.3 | 0.5 | 0.4 |
| Fishing, fish farming and related service activities | 1.3 | 0.9 | 0.6 | 0.7 | 0.7 | 0.5 | 0.4 | 0.1 | 0.7 | 0.6 |
| Mining of coal and lignite; extraction of peat | 0.1 | 0.0 | 0.0 | 0.1 | 6.9 | 2.9 | 1.3 | 0.0 | 1.4 | 1.7 |
| Extraction of crude petroleum and natural gas | 3.5 | 0.7 | 0.1 | 0.3 | 0.1 | 0.3 | 0.2 | 0.0 | 0.6 | 0.4 |
| Mining of uranium and thorium ores | 0.0 | 0.0 | 0.0 | 0.2 | 0.0 | 0.0 | 0.3 | 0.0 | 0.1 | 0.1 |
| Mining of metal ores | 0.2 | 0.2 | 0.1 | 0.2 | 0.0 | 0.0 | 12.8 | 0.0 | 1.7 | 1.3 |
| Other mining and quarrying | 32.0 | 0.2 | 0.2 | 1.2 | 0.1 | 0.2 | 0.2 | 0.0 | 4.3 | 2.9 |
| Manufacture of food products and beverages | 1.0 | 1.3 | 0.4 | 0.9 | 0.4 | 0.4 | 0.4 | 0.2 | 0.6 | 0.6 |
| Manufacture of tobacco products | 0.2 | 0.5 | 0.0 | 0.0 | 0.1 | 0.1 | 0.4 | 0.0 | 0.2 | 0.2 |
| Manufacture of textiles | 0.7 | 0.4 | 0.9 | 1.0 | 0.5 | 0.5 | 0.3 | 0.2 | 0.5 | 0.6 |
| Manufacture of wearing apparel... | 1.4 | 0.4 | 0.5 | 0.6 | 0.6 | 0.6 | 0.9 | 0.2 | 0.6 | 0.6 |
| Tanning and dressing of leather | 0.9 | 0.6 | 1.0 | 0.8 | 0.5 | 0.8 | 0.5 | 0.1 | 0.6 | 0.7 |
| Manuf. of wood and of products of wood and cork, except furniture | 1.2 | 1.0 | 0.7 | 0.7 | 0.6 | 1.0 | 0.5 | 0.3 | 0.7 | 0.7 |
| Manuf. of pulp, paper and paper products | 0.6 | 0.6 | 0.3 | 0.6 | 0.4 | 0.4 | 0.2 | 0.2 | 0.4 | 0.4 |
| Publishing, printing and reproduction of recorded media | 1.2 | 2.2 | 0.4 | 1.9 | 0.4 | 0.4 | 0.4 | 0.3 | 0.9 | 0.9 |
| Manuf. of coke, refined petroleum products and nuclear fuel | 0.7 | 0.4 | 0.0 | 0.0 | 0.2 | 0.7 | 0.1 | 0.0 | 0.3 | 0.3 |
| Manuf. of chemicals and chemical products | 0.5 | 1.8 | 0.3 | 0.3 | 0.4 | 0.4 | 0.2 | 0.1 | 0.5 | 0.5 |
| Manuf. of rubber and plastic products | 1.5 | 0.5 | 0.6 | 0.6 | 0.3 | 0.5 | 0.3 | 0.1 | 0.6 | 0.5 |
| Manuf. of other non-metallic mineral products | 0.5 | 0.8 | 0.4 | 1.2 | 0.3 | 0.4 | 0.2 | 0.1 | 0.5 | 0.5 |
| Manuf. of basic metals | 1.0 | 1.6 | 0.4 | 0.6 | 0.5 | 0.3 | 0.2 | 0.1 | 0.6 | 0.6 |
| Manuf. of fabric. metal products, except machinery and equip. | 1.2 | 0.8 | 0.9 | 0.8 | 0.5 | 0.7 | 0.5 | 0.2 | 0.7 | 0.7 |
| Manuf. of machinery and equipment n.e.c. | 0.7 | 1.0 | 0.7 | 0.6 | 0.6 | 0.4 | 0.6 | 0.1 | 0.6 | 0.6 |
| Manuf. of office machinery and computers | 1.2 | 0.9 | 0.3 | 0.7 | 0.3 | 0.4 | 0.5 | 0.3 | 0.6 | 0.6 |
| Manuf. of electrical machinery and apparatus n.e.c. | 1.6 | 0.9 | 0.4 | 0.4 | 0.5 | 0.4 | 0.2 | 0.1 | 0.6 | 0.5 |
| Manuf. of radio, television and communication equipment | 1.1 | 0.4 | 0.4 | 0.4 | 0.2 | 0.2 | 0.2 | 0.1 | 0.4 | 0.4 |
| Manuf. of medical, precision and optical instruments | 0.8 | 0.7 | 0.6 | 0.9 | 0.4 | 0.3 | 0.3 | 0.2 | 0.5 | 0.5 |
| Manuf. of motor vehicles, trailers and semi-trailers | 0.5 | 1.0 | 0.8 | 0.3 | 0.4 | 0.2 | 0.2 | 0.1 | 0.4 | 0.4 |
| Manuf. of other transport equipment | 0.6 | 0.4 | 0.5 | 0.3 | 0.4 | 0.5 | 0.1 | 0.1 | 0.4 | 0.4 |
| Manuf. of furniture; manufacturing n.e.c. | 1.3 | 1.1 | 1.0 | 0.7 | 0.6 | 0.6 | 0.5 | 0.1 | 0.8 | 0.8 |
| Recycling | 1.7 | 1.9 | 1.7 | 0.9 | 0.5 | 0.9 | 0.6 | 0.2 | 1.1 | 0.9 |
| Electricity, gas, steam and hot water supply | 4.2 | 1.0 | 0.6 | 1.2 | 0.4 | 0.6 | 0.2 | 0.1 | 1.0 | 0.8 |
| Collection, purification and distribution of water | 0.3 | 1.1 | 0.3 | 0.7 | 0.5 | 0.4 | 0.4 | 1.2 | 0.6 | 0.6 |
| Construction | 1.3 | 1.3 | 1.3 | 1.3 | 0.9 | 0.9 | 0.8 | 0.6 | 1.0 | 1.0 |
| Sale, maintenance and repair of motor vehicles and motorcycles | 1.1 | 1.5 | 1.1 | 1.3 | 0.8 | 0.8 | 0.6 | 0.4 | 0.9 | 0.9 |
| Wholesale trade and commission trade, except of motor vehicles | 1.5 | 1.0 | 1.4 | 0.8 | 0.6 | 0.7 | 0.5 | 0.7 | 0.9 | 0.9 |
| Retail trade, except of motor vehicles and motorcycles | 1.6 | 1.4 | 1.2 | 1.0 | 0.8 | 0.8 | 0.8 | 0.5 | 1.0 | 1.0 |
| Hotels and restaurants | 1.4 | 5.4 | 1.7 | 2.1 | 1.3 | 1.2 | 1.7 | 0.8 | 1.9 | 1.9 |
| Land transport; transport via pipelines | 1.5 | 0.8 | 1.9 | 0.6 | 0.3 | 0.5 | 0.5 | 0.3 | 0.8 | 0.8 |
| Water transport | 0.8 | 4.2 | 1.2 | 0.3 | 0.2 | 0.3 | 0.4 | 0.3 | 1.0 | 1.0 |
| Air transport | 1.5 | 0.2 | 1.6 | 0.3 | 0.2 | 0.4 | 0.3 | 0.1 | 0.6 | 0.6 |
| Supporting and auxiliary transport activities | 1.0 | 1.1 | 0.9 | 0.9 | 0.6 | 0.8 | 0.6 | 0.3 | 0.8 | 0.8 |
| Post and telecommunications | 3.6 | 0.5 | 7.1 | 0.6 | 0.2 | 1.0 | 0.3 | 0.3 | 1.7 | 1.6 |
| Financial intermediation, except insurance and pension funding | 2.7 | 1.0 | 2.4 | 0.9 | 1.3 | 2.0 | 1.2 | 0.2 | 1.5 | 1.6 |
| Insurance and pension funding, except compulsory social security | 0.2 | 0.1 | 0.8 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.1 | 0.3 |
| Activities auxiliary to financial intermediation | 2.9 | 2.7 | 1.7 | 2.9 | 1.2 | 1.0 | 1.8 | 1.9 | 2.0 | 1.9 |
| Real estate activities | 1.5 | 1.5 | 1.7 | 1.8 | 1.3 | 0.8 | 0.9 | 0.4 | 1.2 | 1.2 |
| Renting of machinery and equipment without operator | 1.3 | 1.3 | 4.4 | 0.7 | 0.7 | 0.9 | 0.5 | 0.2 | 1.2 | 1.2 |
| Computer and related activities | 2.0 | 2.7 | 1.8 | 1.3 | 0.7 | 0.8 | 1.1 | 0.4 | 1.4 | 1.3 |
| Research and development | 2.5 | 0.6 | 0.4 | 1.1 | 0.4 | 0.5 | 0.3 | 0.3 | 0.7 | 0.6 |
| Other business activities | 2.4 | 1.8 | 1.7 | 1.2 | 1.5 | 1.5 | 1.3 | 0.5 | 1.5 | 1.4 |
| Public administration and defence; compulsory social security | 2.2 | 2.6 | 0.6 | 3.7 | 0.5 | 2.0 | 0.4 | 0.2 | 1.5 | 1.4 |
| Education | 1.9 | 1.6 | 1.7 | 1.3 | 0.9 | 1.0 | 0.7 | 0.6 | 1.2 | 1.1 |
| Health and social work | 2.6 | 2.7 | 1.3 | 1.9 | 1.0 | 1.3 | 1.1 | 0.5 | 1.5 | 1.4 |
| Sewage and refuse disposal, sanitation and similar activities | 1.3 | 1.5 | 0.6 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.4 | 0.7 |
| Sewage and refuse disposal, sanitation and similar activities | 1.3 | 1.1 | 1.2 | 0.7 | 0.5 | 0.6 | 0.4 | 0.2 | 0.7 | 0.7 |
| Activities of membership organizations n.e.c. | 1.3 | 2.7 | 1.5 | 1.3 | 0.9 | 1.8 | 0.3 | 0.3 | 1.3 | 1.1 |
| Recreational, cultural and sporting activities | 2.3 | 5.0 | 1.5 | 1.9 | 1.6 | 1.4 | 0.7 | 0.3 | 1.8 | 1.8 |
| Other service activities | 2.3 | 2.2 | 1.9 | 1.3 | 1.4 | 1.4 | 1.3 | 0.6 | 1.5 | 1.5 |
| Activities of households as employers of domestic staff | 4.7 | 1.3 | 2.6 | 1.6 | 5.4 | 6.7 | 1.9 | 1.4 | 3.2 | 3.2 |
| Undifferent. goods producing activities of private households | | | | | 0.0 | | | | 0.0 | 0.0 |
| Undifferent. services producing activities of private households | | | | 0.0 | 4.9 | 50.0 | 0.0 | 4.2 | 11.8 | 5.6 |
| Extra-territorial organizations and bodies | 1.5 | 1.1 | 8.6 | 9.5 | 0.5 | 0.6 | 0.4 | 6.2 | 3.5 | 2.8 |
| SECTOR average | 1.9 | 1.7 | 1.2 | 1.0 | 0.8 | 1.6 | 0.7 | 0.5 | 1.2 | 1.0 |
| ratio of totals | 1.7 | 1.4 | 1.3 | 1.0 | 0.8 | 0.9 | 0.8 | 0.4 | 1.0 | |

II.B.7. PROPORTION OF EXITING FIRMS EMPLOYEES IN TOTAL EMPLOYEES IN AMADEUS SAMPLE BY SECTOR. 1999-2006

| SECTOR | 1999 | 2000 | 2001 | 2002 | 2003 | 2004 | 2005 | 2006 | time average | ratio of time averages |
|-------------------------------------------------------------------|------|------|------|------|-------|------|------|------|--------------|------------------------|
| Agriculture, hunting and related service activities | 0.4 | 1.3 | 0.4 | 0.8 | 1.3 | 3.4 | 1.6 | 3.9 | 1.6 | 1.6 |
| Forestry, logging and related service activities | 0.1 | 0.3 | 0.7 | 0.6 | 1.4 | 3.5 | 0.6 | 11.1 | 2.3 | 1.5 |
| Fishing, fish farming and related service activities | 2.0 | 0.2 | 1.4 | 1.0 | 2.4 | 4.7 | 1.9 | 8.2 | 2.7 | 2.3 |
| Mining of coal and lignite; extraction of peat | 0.2 | 0.2 | 0.5 | 2.0 | 13.1 | 8.6 | 4.4 | 5.0 | 4.3 | 4.3 |
| Extraction of crude petroleum and natural gas | 0.1 | 0.1 | 0.2 | 0.8 | 0.6 | 19.2 | 12.0 | 1.0 | 4.2 | 3.5 |
| Mining of uranium and thorium ores | 0.0 | 0.0 | 0.0 | 39.5 | 0.1 | 0.5 | 0.0 | 0.2 | 5.0 | 5.5 |
| Mining of metal ores | 0.1 | 0.0 | 0.1 | 0.8 | 0.1 | 11.6 | 5.8 | 0.3 | 2.4 | 2.3 |
| Other mining and quarrying | 0.3 | 0.2 | 0.2 | 0.6 | 1.0 | 0.8 | 1.1 | 3.2 | 0.9 | 0.9 |
| Manufacture of food products and beverages | 0.6 | 0.6 | 1.3 | 1.3 | 1.9 | 3.2 | 1.8 | 3.7 | 1.8 | 1.8 |
| Manufacture of tobacco products | 0.0 | 0.6 | 1.3 | 0.3 | 0.0 | 1.6 | 0.4 | 0.6 | 0.6 | 0.6 |
| Manufacture of textiles | 0.9 | 0.8 | 1.8 | 1.5 | 2.2 | 4.3 | 3.0 | 4.5 | 2.4 | 2.2 |
| Manufacture of wearing apparel... | 0.7 | 0.6 | 1.3 | 1.4 | 1.7 | 2.9 | 2.1 | 3.6 | 1.8 | 1.8 |
| Tanning and dressing of leather | 1.1 | 0.8 | 1.7 | 1.5 | 2.0 | 3.5 | 1.9 | 3.6 | 2.0 | 2.0 |
| Manuf. of wood and of products of wood and cork, except furniture | 0.3 | 0.4 | 0.8 | 1.4 | 1.6 | 3.5 | 2.6 | 3.0 | 1.7 | 1.8 |
| Manuf. of pulp, paper and paper products | 1.2 | 0.7 | 1.9 | 1.4 | 1.5 | 3.4 | 2.0 | 4.4 | 2.0 | 2.0 |
| Publishing, printing and reproduction of recorded media | 0.4 | 0.6 | 2.0 | 3.4 | 10.6 | 3.2 | 7.2 | 5.3 | 4.1 | 4.1 |
| Manuf. of coke, refined petroleum products and nuclear fuel | 0.1 | 0.1 | 1.2 | 0.7 | 0.7 | 0.9 | 0.9 | 3.9 | 1.1 | 0.9 |
| Manuf. of chemicals and chemical products | 0.2 | 0.4 | 0.9 | 1.1 | 1.2 | 3.1 | 2.1 | 2.9 | 1.5 | 1.5 |
| Manuf. of rubber and plastic products | 0.5 | 0.5 | 0.7 | 1.2 | 1.3 | 2.9 | 3.0 | 4.8 | 1.9 | 1.8 |
| Manuf. of other non-metallic mineral products | 0.6 | 0.5 | 0.6 | 1.2 | 1.2 | 3.3 | 1.6 | 7.1 | 2.0 | 1.8 |
| Manuf. of basic metals | 0.6 | 1.1 | 0.9 | 2.7 | 2.3 | 10.3 | 2.3 | 4.0 | 3.0 | 3.0 |
| Manuf. of fabric. metal products, except machinery and equip. | 1.0 | 0.7 | 1.4 | 1.7 | 2.2 | 5.1 | 1.9 | 4.0 | 2.3 | 2.2 |
| Manuf. of machinery and equipment n.e.c. | 0.5 | 1.1 | 1.0 | 1.0 | 2.1 | 3.3 | 2.2 | 5.3 | 2.1 | 2.0 |
| Manuf. of office machinery and computers | 0.7 | 0.9 | 0.5 | 0.5 | 14.8 | 2.6 | 1.3 | 3.4 | 3.1 | 3.3 |
| Manuf. of electrical machinery and apparatus n.e.c. | 0.5 | 0.6 | 0.9 | 1.6 | 1.5 | 2.3 | 2.4 | 4.8 | 1.8 | 1.8 |
| Manuf. of radio, television and communication equipment | 0.3 | 0.3 | 0.5 | 2.0 | 2.1 | 15.0 | 2.1 | 2.7 | 3.1 | 2.9 |
| Manuf. of medical, precision and optical instruments | 0.2 | 0.3 | 1.1 | 1.4 | 2.6 | 3.7 | 2.2 | 5.7 | 2.2 | 2.1 |
| Manuf. of motor vehicles, trailers and semi-trailers | 0.2 | 0.2 | 0.2 | 0.4 | 1.3 | 5.7 | 1.5 | 2.8 | 1.5 | 1.5 |
| Manuf. of other transport equipment | 0.4 | 1.1 | 1.1 | 1.4 | 9.7 | 1.4 | 1.2 | 8.1 | 3.0 | 2.9 |
| Manuf. of furniture; manufacturing n.e.c. | 0.5 | 0.8 | 0.9 | 1.4 | 1.8 | 2.7 | 2.4 | 4.4 | 1.8 | 1.8 |
| Recycling | 0.2 | 0.6 | 1.0 | 0.9 | 1.6 | 3.3 | 2.8 | 2.7 | 1.6 | 1.9 |
| Electricity, gas, steam and hot water supply | 0.8 | 0.5 | 0.5 | 1.4 | 1.0 | 5.8 | 1.6 | 2.7 | 1.8 | 1.8 |
| Collection, purification and distribution of water | 0.0 | 0.0 | 0.1 | 0.2 | 0.4 | 1.6 | 1.7 | 2.1 | 0.8 | 0.6 |
| Construction | 0.5 | 0.9 | 1.2 | 1.3 | 1.7 | 2.2 | 2.1 | 5.3 | 1.9 | 1.9 |
| Sale, maintenance and repair of motor vehicles and motorcycles | 0.6 | 0.9 | 1.0 | 1.1 | 1.7 | 1.7 | 2.2 | 4.2 | 1.7 | 1.7 |
| Wholesale trade and commission trade, except of motor vehicles | 0.8 | 1.1 | 0.9 | 1.1 | 3.0 | 2.0 | 2.6 | 5.0 | 2.1 | 2.1 |
| Retail trade, except of motor vehicles and motorcycles | 0.5 | 0.6 | 0.6 | 1.1 | 1.6 | 2.3 | 2.7 | 3.9 | 1.7 | 1.7 |
| Hotels and restaurants | 0.8 | 0.8 | 1.1 | 0.9 | 1.1 | 1.8 | 2.2 | 4.5 | 1.6 | 1.7 |
| Land transport; transport via pipelines | 0.3 | 0.7 | 0.7 | 0.4 | 0.9 | 2.9 | 1.5 | 9.3 | 2.1 | 1.8 |
| Water transport | 0.3 | 0.2 | 0.3 | 0.5 | 1.7 | 5.8 | 2.3 | 3.0 | 1.8 | 1.7 |
| Air transport | 0.4 | 0.6 | 1.8 | 0.3 | 0.5 | 4.0 | 1.0 | 3.2 | 1.5 | 1.4 |
| Supporting and auxiliary transport activities | 0.6 | 0.7 | 0.9 | 2.3 | 1.7 | 3.5 | 2.2 | 5.4 | 2.2 | 2.2 |
| Post and telecommunications | 0.2 | 0.2 | 0.5 | 2.0 | 3.5 | 2.2 | 0.9 | 7.5 | 2.1 | 2.1 |
| Financial intermediation, except insurance and pension funding | 0.5 | 1.3 | 0.8 | 4.5 | 2.9 | 9.1 | 6.1 | 8.5 | 4.2 | 3.6 |
| Insurance and pension funding, except compulsory social security | 1.2 | 0.0 | 1.2 | 0.4 | 67.3 | 0.0 | 0.0 | 0.0 | 8.8 | 1.8 |
| Activities auxiliary to financial intermediation | 0.4 | 0.7 | 1.5 | 2.0 | 3.4 | 5.0 | 4.2 | 5.8 | 2.9 | 3.1 |
| Real estate activities | 0.3 | 1.2 | 1.7 | 1.5 | 1.5 | 3.8 | 4.0 | 6.6 | 2.6 | 2.7 |
| Renting of machinery and equipment without operator | 0.4 | 0.6 | 0.9 | 1.1 | 2.0 | 2.2 | 3.2 | 5.0 | 1.9 | 2.0 |
| Computer and related activities | 0.8 | 0.8 | 2.0 | 1.9 | 1.9 | 4.6 | 3.4 | 4.8 | 2.5 | 2.7 |
| Research and development | 0.3 | 0.2 | 0.4 | 4.6 | 6.4 | 2.9 | 2.5 | 12.7 | 3.7 | 3.3 |
| Other business activities | 0.3 | 0.6 | 1.1 | 1.3 | 1.7 | 2.1 | 3.8 | 5.7 | 2.1 | 2.3 |
| Public administration and defence; compulsory social security | 7.2 | 0.7 | 4.9 | 1.6 | 3.6 | 2.7 | 3.5 | 8.7 | 4.1 | 3.7 |
| Education | 0.3 | 0.6 | 0.9 | 1.0 | 1.3 | 1.6 | 2.0 | 5.9 | 1.7 | 1.8 |
| Health and social work | 0.4 | 0.4 | 0.5 | 0.7 | 1.0 | 2.1 | 2.2 | 6.1 | 1.7 | 1.9 |
| Sewage and refuse disposal, sanitation and similar activities | | 0.0 | 0.0 | 1.2 | 0.0 | 0.0 | | | 0.2 | 0.3 |
| Sewage and refuse disposal, sanitation and similar activities | 0.5 | 0.6 | 0.8 | 1.3 | 1.3 | 2.8 | 7.0 | 5.5 | 2.5 | 2.7 |
| Activities of membership organizations n.e.c. | 0.4 | 1.0 | 0.8 | 0.9 | 1.1 | 3.0 | 11.7 | 4.9 | 3.0 | 3.6 |
| Recreational, cultural and sporting activities | 0.4 | 0.6 | 0.8 | 1.6 | 2.2 | 2.9 | 2.4 | 4.6 | 1.9 | 2.0 |
| Other service activities | 1.0 | 1.5 | 1.5 | 1.7 | 9.2 | 4.4 | 2.5 | 5.9 | 3.4 | 3.6 |
| Activities of households as employers of domestic staff | 0.3 | 0.0 | 0.5 | 0.2 | 21.7 | 8.8 | 5.1 | 3.6 | 5.0 | 4.8 |
| Undifferent. goods producing activities of private households | | | | | 100.0 | | | | 100.0 | 100.0 |
| Undifferent. services producing activities of private households | | | | 0.0 | 90.2 | 16.7 | 0.0 | 0.0 | 21.4 | 75.6 |
| Extra-territorial organizations and bodies | 7.6 | 20.1 | 4.9 | 3.1 | 9.7 | 26.4 | 16.5 | 25.3 | 14.2 | 14.4 |
| SECTOR average | 1.4 | 0.9 | 1.0 | 1.9 | 7.2 | 4.5 | 2.9 | 4.9 | 3.1 | 2.1 |
| ratio of totals | 0.5 | 0.7 | 1.0 | 1.4 | 2.2 | 3.2 | 2.7 | 5.1 | 2.1 | |

I.L.C. JOB FLOWS

I.L.C.1. GROSS EMPLOYMENT CREATED BY CONTINUING ENTERPRISES IN AMADEUS SAMPLE BY SECTOR, 1999-2006

| SECTOR | 1999 | 2000 | 2001 | 2002 | 2003 | 2004 | 2005 | 2006 | time average |
|-------------------------------------------------------------------|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|------------------|-------------------|
| Agriculture, hunting and related service activities | 56,506 | 77,954 | 123,923 | 280,633 | 175,277 | 230,330 | 193,533 | 69,538 | 150,962 |
| Forestry, logging and related service activities | 6,544 | 25,518 | 28,982 | 15,183 | 27,567 | 22,075 | 30,602 | 7,474 | 20,493 |
| Fishing, fish farming and related service activities | 2,683 | 7,902 | 8,792 | 9,369 | 5,259 | 9,549 | 7,872 | 3,838 | 6,908 |
| Mining of coal and lignite; extraction of peat | 8,961 | 27,919 | 32,759 | 13,422 | 138,384 | 64,577 | 24,317 | 2,249 | 39,074 |
| Extraction of crude petroleum and natural gas | 17,700 | 67,845 | 67,375 | 60,083 | 44,861 | 28,260 | 45,571 | 21,969 | 44,208 |
| Mining of uranium and thorium ores | 0 | 1,011 | 648 | 212 | 27 | 18 | 407 | 38 | 295 |
| Mining of metal ores | 8,987 | 14,918 | 5,859 | 30,573 | 3,791 | 8,333 | 8,620 | 8,371 | 11,182 |
| Other mining and quarrying | 20,907 | 46,777 | 47,138 | 17,967 | 37,102 | 40,744 | 26,647 | 28,632 | 33,239 |
| Manufacture of food products and beverages | 289,432 | 345,764 | 366,135 | 363,756 | 361,352 | 385,227 | 360,289 | 221,457 | 336,677 |
| Manufacture of tobacco products | 22,944 | 7,669 | 7,550 | 21,506 | 12,271 | 12,443 | 13,162 | 3,634 | 12,647 |
| Manufacture of textiles | 69,515 | 100,314 | 96,440 | 67,896 | 69,040 | 78,800 | 60,547 | 69,014 | 76,446 |
| Manufacture of wearing apparel... | 52,223 | 63,676 | 65,472 | 56,227 | 92,297 | 88,765 | 92,814 | 66,217 | 72,211 |
| Tanning and dressing of leather | 22,049 | 39,512 | 30,274 | 24,699 | 35,865 | 32,035 | 34,136 | 15,569 | 29,267 |
| Manuf. of wood and of products of wood and cork, except furniture | 36,981 | 60,797 | 59,291 | 56,052 | 61,579 | 74,689 | 60,135 | 37,113 | 55,830 |
| Manuf. of pulp, paper and paper products | 33,990 | 51,424 | 66,271 | 42,549 | 33,595 | 42,039 | 35,234 | 41,703 | 43,351 |
| Publishing, printing and reproduction of recorded media | 207,832 | 454,355 | 276,214 | 257,684 | 143,826 | 181,426 | 149,808 | 97,922 | 221,133 |
| Manuf. of coke, refined petroleum products and nuclear fuel | 6,761 | 22,227 | 24,127 | 27,106 | 10,001 | 16,086 | 16,061 | 5,239 | 15,951 |
| Manuf. of chemicals and chemical products | 143,743 | 256,677 | 312,227 | 201,052 | 195,970 | 211,127 | 167,174 | 226,594 | 214,321 |
| Manuf. of rubber and plastic products | 150,432 | 217,873 | 168,318 | 116,920 | 114,376 | 158,618 | 147,635 | 70,614 | 143,098 |
| Manuf. of other non-metallic mineral products | 311,992 | 123,792 | 121,639 | 100,290 | 115,824 | 276,936 | 123,808 | 71,987 | 155,784 |
| Manuf. of basic metals | 76,360 | 175,827 | 126,277 | 109,302 | 94,247 | 230,017 | 145,943 | 144,850 | 137,853 |
| Manuf. of fabric. metal products, except machinery and equip. | 387,500 | 297,019 | 278,796 | 398,231 | 209,582 | 223,942 | 242,961 | 193,996 | 279,003 |
| Manuf. of machinery and equipment n.e.c. | 237,932 | 306,295 | 324,247 | 261,471 | 298,992 | 276,081 | 261,710 | 252,510 | 277,405 |
| Manuf. of office machinery and computers | 25,154 | 26,721 | 152,704 | 43,391 | 20,323 | 22,538 | 21,461 | 20,423 | 41,589 |
| Manuf. of electrical machinery and apparatus n.e.c. | 120,205 | 150,462 | 129,848 | 119,780 | 121,258 | 154,123 | 142,816 | 105,261 | 130,469 |
| Manuf. of radio, television and communication equipment | 391,519 | 100,002 | 188,385 | 72,637 | 108,215 | 59,127 | 83,214 | 51,544 | 131,830 |
| Manuf. of medical, precision and optical instruments | 65,841 | 104,812 | 109,820 | 66,408 | 75,076 | 84,513 | 67,497 | 52,785 | 78,344 |
| Manuf. of motor vehicles, trailers and semi-trailers | 238,350 | 233,634 | 244,831 | 115,793 | 144,282 | 171,693 | 132,701 | 73,693 | 169,372 |
| Manuf. of other transport equipment | 36,195 | 122,230 | 122,521 | 78,757 | 65,756 | 189,594 | 65,835 | 54,359 | 91,906 |
| Manuf. of furniture; manufacturing n.e.c. | 66,268 | 101,631 | 91,765 | 86,152 | 95,217 | 106,588 | 98,247 | 62,063 | 88,491 |
| Recycling | 4,011 | 9,954 | 9,802 | 11,005 | 12,465 | 24,784 | 16,154 | 12,102 | 12,535 |
| Electricity, gas, steam and hot water supply | 78,747 | 178,573 | 191,834 | 292,999 | 223,292 | 140,700 | 133,338 | 52,131 | 161,452 |
| Collection, purification and distribution of water | 88,224 | 44,469 | 70,132 | 52,968 | 20,706 | 25,839 | 16,506 | 8,863 | 40,963 |
| Construction | 528,366 | 667,283 | 726,270 | 741,705 | 884,174 | 1,030,225 | 904,084 | 750,369 | 779,060 |
| Sale, maintenance and repair of motor vehicles and motorcycles | 137,797 | 148,402 | 176,243 | 178,731 | 207,705 | 302,030 | 214,173 | 146,773 | 188,982 |
| Wholesale trade and commission trade, except of motor vehicles | 557,079 | 763,653 | 865,680 | 777,136 | 983,337 | 1,517,416 | 1,107,844 | 799,666 | 921,476 |
| Retail trade, except of motor vehicles and motorcycles | 766,414 | 805,815 | 912,043 | 738,182 | 1,057,212 | 1,285,809 | 923,357 | 693,708 | 897,818 |
| Hotels and restaurants | 529,397 | 291,519 | 389,058 | 351,062 | 341,957 | 343,688 | 326,249 | 284,776 | 357,213 |
| Land transport; transport via pipelines | 227,190 | 500,555 | 479,024 | 344,989 | 388,442 | 306,599 | 355,726 | 190,276 | 349,100 |
| Water transport | 34,606 | 32,197 | 36,447 | 29,343 | 26,766 | 43,993 | 26,187 | 60,702 | 36,280 |
| Air transport | 34,150 | 43,391 | 42,160 | 34,818 | 19,743 | 19,752 | 24,638 | 20,664 | 29,915 |
| Supporting and auxiliary transport activities | 138,983 | 297,847 | 246,336 | 152,791 | 205,615 | 240,906 | 219,895 | 146,631 | 206,126 |
| Post and telecommunications | 199,981 | 429,764 | 498,175 | 529,903 | 180,285 | 302,584 | 184,157 | 102,812 | 303,458 |
| Financial intermediation, except insurance and pension funding | 332,218 | 304,944 | 279,384 | 188,779 | 306,196 | 139,965 | 212,600 | 106,806 | 233,862 |
| Insurance and pension funding, except compulsory social security | 1,003 | 3,360 | 402 | 94 | 1 | 3 | 0 | 0 | 608 |
| Activities auxiliary to financial intermediation | 54,749 | 50,328 | 43,253 | 50,742 | 46,192 | 50,590 | 44,790 | 38,987 | 47,454 |
| Real estate activities | 144,988 | 173,926 | 206,124 | 189,925 | 243,739 | 290,013 | 350,218 | 215,720 | 226,832 |
| Renting of machinery and equipment without operator | 27,996 | 42,690 | 41,930 | 36,706 | 45,152 | 44,031 | 46,206 | 33,318 | 39,754 |
| Computer and related activities | 254,724 | 315,119 | 330,402 | 281,963 | 224,530 | 228,290 | 256,984 | 207,193 | 262,401 |
| Research and development | 35,144 | 64,136 | 90,148 | 60,991 | 39,733 | 63,176 | 55,458 | 25,963 | 54,344 |
| Other business activities | 2,600,412 | 3,214,272 | 2,761,918 | 2,424,795 | 2,650,812 | 3,044,502 | 3,080,727 | 2,699,432 | 2,809,609 |
| Public administration and defence; compulsory social security | 6,182 | 10,334 | 10,343 | 7,916 | 59,829 | 85,247 | 61,169 | 20,342 | 32,670 |
| Education | 29,283 | 31,411 | 43,355 | 57,821 | 53,169 | 73,020 | 82,653 | 51,419 | 52,766 |
| Health and social work | 174,203 | 157,643 | 183,789 | 197,267 | 215,263 | 352,822 | 284,123 | 263,500 | 228,576 |
| Sewage and refuse disposal, sanitation and similar activities | 0 | 32 | 17 | 13 | 0 | 0 | 0 | 0 | 8 |
| Sewage and refuse disposal, sanitation and similar activities | 23,077 | 37,573 | 47,512 | 42,891 | 106,902 | 74,291 | 41,279 | 39,003 | 51,566 |
| Activities of membership organizations n.e.c. | 7,746 | 5,077 | 8,788 | 10,238 | 9,743 | 19,043 | 12,208 | 10,735 | 10,447 |
| Recreational, cultural and sporting activities | 81,458 | 114,224 | 136,290 | 132,946 | 117,992 | 139,444 | 127,766 | 120,473 | 121,324 |
| Other service activities | 82,166 | 89,369 | 101,278 | 95,515 | 87,338 | 87,930 | 104,524 | 92,240 | 92,545 |
| Activities of households as employers of domestic staff | 246 | 467 | 490 | 438 | 259 | 276 | 576 | 222 | 372 |
| Undifferent. goods producing activities of private households | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Undifferent. services producing activities of private households | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 |
| Extra-territorial organizations and bodies | 539 | 436 | 343 | 992 | 1,637 | 574 | 494 | 273 | 661 |
| TOTAL | 10,296,590 | 12,461,363 | 12,608,020 | 11,130,786 | 11,671,402 | 13,757,849 | 12,074,841 | 9,275,764 | 11,659,577 |

I.I.C.2. GROSS EMPLOYMENT DESTROYED BY CONTINUING ENTERPRISES IN AMADEUS SAMPLE BY SECTOR, 1999-2006

| SECTOR | 1999 | 2000 | 2001 | 2002 | 2003 | 2004 | 2005 | 2006 | time average |
|-------------------------------------------------------------------|------------------|------------------|------------------|-------------------|-------------------|-------------------|-------------------|------------------|------------------|
| Agriculture, hunting and related service activities | 64,573 | 245,541 | 257,449 | 391,608 | 569,528 | 957,444 | 532,739 | 83,252 | 387,767 |
| Forestry, logging and related service activities | 11,722 | 21,971 | 51,520 | 56,621 | 28,706 | 34,707 | 30,133 | 5,523 | 30,113 |
| Fishing, fish farming and related service activities | 2,744 | 7,471 | 13,725 | 15,676 | 13,949 | 15,840 | 7,972 | 3,150 | 10,066 |
| Mining of coal and lignite; extraction of peat | 63,596 | 125,774 | 105,598 | 50,572 | 37,199 | 45,067 | 42,555 | 8,132 | 59,812 |
| Extraction of crude petroleum and natural gas | 17,935 | 80,472 | 56,692 | 72,668 | 82,882 | 51,385 | 21,142 | 10,888 | 49,258 |
| Mining of uranium and thorium ores | 1,072 | 30 | 493 | 91 | 820 | 126 | 182 | 250 | 383 |
| Mining of metal ores | 7,871 | 4,568 | 14,163 | 30,039 | 18,839 | 18,135 | 4,980 | 1,919 | 12,564 |
| Other mining and quarrying | 18,621 | 18,868 | 66,200 | 60,117 | 41,924 | 26,001 | 21,268 | 50,295 | 37,912 |
| Manufacture of food products and beverages | 161,804 | 353,612 | 378,373 | 452,191 | 369,915 | 465,442 | 323,941 | 194,218 | 337,437 |
| Manufacture of tobacco products | 26,819 | 31,206 | 18,928 | 8,757 | 6,267 | 8,551 | 7,022 | 4,792 | 14,043 |
| Manufacture of textiles | 94,119 | 150,751 | 158,125 | 143,780 | 137,192 | 128,137 | 120,318 | 49,314 | 122,717 |
| Manufacture of wearing apparel... | 56,480 | 81,123 | 81,946 | 89,232 | 123,215 | 125,495 | 128,537 | 54,141 | 92,521 |
| Tanning and dressing of leather | 24,741 | 33,035 | 41,169 | 36,942 | 45,429 | 60,487 | 46,813 | 17,051 | 38,208 |
| Manuf. of wood and of products of wood and cork, except furniture | 29,683 | 35,373 | 54,592 | 62,888 | 59,489 | 72,022 | 58,423 | 36,837 | 51,163 |
| Manuf. of pulp, paper and paper products | 37,439 | 47,264 | 62,846 | 49,686 | 54,093 | 46,341 | 46,367 | 30,572 | 46,826 |
| Publishing, printing and reproduction of recorded media | 97,661 | 174,810 | 112,033 | 125,469 | 156,634 | 163,074 | 111,676 | 78,240 | 127,450 |
| Manuf. of coke, refined petroleum products and nuclear fuel | 23,430 | 18,953 | 16,177 | 33,432 | 26,492 | 18,434 | 30,200 | 4,515 | 21,454 |
| Manuf. of chemicals and chemical products | 251,050 | 235,957 | 234,265 | 271,174 | 227,827 | 288,284 | 271,581 | 160,504 | 242,580 |
| Manuf. of rubber and plastic products | 62,563 | 111,790 | 171,363 | 118,611 | 109,770 | 98,112 | 158,979 | 117,699 | 118,611 |
| Manuf. of other non-metallic mineral products | 76,102 | 302,157 | 123,609 | 134,728 | 164,918 | 149,968 | 121,147 | 72,992 | 143,203 |
| Manuf. of basic metals | 64,517 | 106,749 | 142,129 | 153,795 | 128,595 | 110,055 | 88,312 | 47,724 | 105,235 |
| Manuf. of fabric. metal products, except machinery and equip. | 135,202 | 464,244 | 216,925 | 235,613 | 301,127 | 222,721 | 177,739 | 142,228 | 236,975 |
| Manuf. of machinery and equipment n.e.c. | 195,982 | 317,164 | 376,806 | 383,064 | 329,094 | 385,700 | 377,437 | 143,263 | 313,564 |
| Manuf. of office machinery and computers | 13,255 | 21,082 | 40,222 | 45,284 | 31,053 | 29,729 | 15,114 | 11,933 | 25,959 |
| Manuf. of electrical machinery and apparatus n.e.c. | 89,699 | 170,250 | 174,802 | 163,492 | 145,321 | 156,525 | 129,175 | 99,745 | 141,126 |
| Manuf. of radio, television and communication equipment | 47,479 | 77,872 | 88,483 | 205,734 | 252,986 | 81,770 | 65,008 | 120,013 | 117,418 |
| Manuf. of medical, precision and optical instruments | 29,942 | 66,818 | 83,069 | 122,799 | 81,362 | 71,033 | 71,644 | 30,504 | 69,646 |
| Manuf. of motor vehicles, trailers and semi-trailers | 158,828 | 166,685 | 324,094 | 172,065 | 122,593 | 154,833 | 125,267 | 163,679 | 173,506 |
| Manuf. of other transport equipment | 36,592 | 70,994 | 84,107 | 105,965 | 71,260 | 101,005 | 67,455 | 38,592 | 71,996 |
| Manuf. of furniture; manufacturing n.e.c. | 145,242 | 71,917 | 92,964 | 106,552 | 104,961 | 106,656 | 107,630 | 75,226 | 101,394 |
| Recycling | 2,993 | 4,406 | 5,569 | 11,636 | 10,510 | 10,406 | 10,622 | 3,241 | 7,423 |
| Electricity, gas, steam and hot water supply | 73,248 | 147,463 | 149,674 | 218,151 | 271,561 | 458,316 | 214,069 | 74,524 | 200,876 |
| Collection, purification and distribution of water | 8,280 | 74,333 | 42,256 | 44,452 | 322,633 | 60,701 | 33,059 | 17,348 | 75,383 |
| Construction | 615,518 | 532,320 | 618,373 | 753,312 | 678,737 | 730,680 | 682,259 | 411,970 | 627,896 |
| Sale, maintenance and repair of motor vehicles and motorcycles | 93,573 | 126,390 | 118,848 | 152,256 | 156,926 | 179,768 | 190,640 | 99,617 | 139,752 |
| Wholesale trade and commission trade, except of motor vehicles | 729,943 | 507,309 | 493,945 | 1,080,063 | 802,567 | 869,593 | 803,893 | 450,825 | 717,267 |
| Retail trade, except of motor vehicles and motorcycles | 610,654 | 541,902 | 543,116 | 594,824 | 630,550 | 774,826 | 966,290 | 367,740 | 628,738 |
| Hotels and restaurants | 122,278 | 533,589 | 247,917 | 295,515 | 316,421 | 474,633 | 248,185 | 287,869 | 315,801 |
| Land transport; transport via pipelines | 108,778 | 196,052 | 341,969 | 355,936 | 258,867 | 470,123 | 237,466 | 173,314 | 267,813 |
| Water transport | 17,414 | 83,639 | 47,522 | 50,560 | 44,521 | 61,973 | 35,180 | 21,660 | 45,309 |
| Air transport | 11,320 | 20,513 | 20,332 | 29,380 | 28,067 | 32,202 | 23,423 | 18,514 | 22,969 |
| Supporting and auxiliary transport activities | 85,676 | 109,773 | 140,295 | 172,592 | 140,856 | 168,956 | 189,971 | 116,331 | 140,556 |
| Post and telecommunications | 152,859 | 84,165 | 358,354 | 254,025 | 223,750 | 244,560 | 163,533 | 105,546 | 198,349 |
| Financial intermediation, except insurance and pension funding | 158,046 | 341,547 | 203,209 | 162,253 | 121,552 | 112,195 | 116,710 | 57,553 | 159,133 |
| Insurance and pension funding, except compulsory social security | 472 | 225 | 550 | 6 | 6 | 0 | 0 | 0 | 157 |
| Activities auxiliary to financial intermediation | 19,843 | 33,676 | 28,883 | 49,982 | 36,045 | 27,753 | 33,116 | 19,035 | 31,042 |
| Real estate activities | 351,264 | 207,541 | 207,158 | 324,811 | 323,791 | 341,570 | 235,334 | 296,545 | 286,002 |
| Renting of machinery and equipment without operator | 19,918 | 23,884 | 25,599 | 39,123 | 28,281 | 35,705 | 23,130 | 22,567 | 27,276 |
| Computer and related activities | 49,775 | 100,305 | 124,057 | 188,450 | 214,065 | 176,695 | 140,306 | 93,570 | 135,903 |
| Research and development | 10,875 | 44,587 | 50,059 | 109,750 | 73,037 | 84,992 | 57,446 | 12,226 | 55,372 |
| Other business activities | 1,298,716 | 1,666,014 | 1,859,359 | 2,149,324 | 2,005,973 | 2,036,386 | 1,931,361 | 1,432,109 | 1,797,405 |
| Public administration and defence; compulsory social security | 6,010 | 8,669 | 8,380 | 10,421 | 135,180 | 54,832 | 82,827 | 8,056 | 39,297 |
| Education | 13,961 | 24,574 | 29,175 | 38,543 | 44,508 | 51,643 | 47,581 | 29,004 | 34,874 |
| Health and social work | 50,993 | 149,411 | 171,596 | 140,911 | 153,478 | 140,982 | 240,039 | 106,780 | 144,274 |
| Sewage and refuse disposal, sanitation and similar activities | 0 | 29 | 42 | 0 | 0 | 0 | 0 | 0 | 9 |
| Sewage and refuse disposal, sanitation and similar activities | 15,102 | 18,942 | 34,184 | 25,130 | 47,197 | 55,458 | 49,519 | 35,707 | 35,155 |
| Activities of membership organizations n.e.c. | 2,575 | 4,331 | 4,507 | 5,069 | 11,077 | 11,485 | 14,797 | 22,189 | 9,504 |
| Recreational, cultural and sporting activities | 56,891 | 72,903 | 157,656 | 120,190 | 123,832 | 123,588 | 96,922 | 83,439 | 104,428 |
| Other service activities | 41,626 | 73,628 | 60,768 | 91,053 | 76,168 | 69,054 | 63,405 | 44,944 | 65,081 |
| Activities of households as employers of domestic staff | 349 | 970 | 128 | 74 | 357 | 129 | 79 | 65 | 269 |
| Undifferent. goods producing activities of private households | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Undifferent. services producing activities of private households | 0 | 0 | 0 | 9 | 2 | 0 | 0 | 4 | 2 |
| Extra-territorial organizations and bodies | 1,689 | 477 | 517 | 870 | 1,647 | 1,790 | 1,301 | 1,016 | 1,163 |
| TOTAL | 6,777,429 | 9,348,094 | 9,737,227 | 11,367,609 | 11,125,740 | 12,054,165 | 10,243,365 | 6,270,500 | 9,615,516 |

I.LC.3. GROSS EMPLOYMENT CREATED BY ENTERING ENTERPRISES IN AMADEUS SAMPLE BY SECTOR, 1999-2006

| SECTOR | 1999 | 2000 | 2001 | 2002 | 2003 | 2004 | 2005 | 2006 | time average |
|-------------------------------------------------------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|----------------|------------------|
| Agriculture, hunting and related service activities | 15,773 | 63,529 | 38,015 | 50,568 | 19,285 | 110,871 | 16,822 | 4,512 | 39,922 |
| Forestry, logging and related service activities | 2,732 | 4,962 | 1,983 | 2,556 | 2,359 | 4,299 | 1,415 | 480 | 2,598 |
| Fishing, fish farming and related service activities | 910 | 2,128 | 1,420 | 1,589 | 1,534 | 1,060 | 712 | 80 | 1,179 |
| Mining of coal and lignite; extraction of peat | 354 | 396 | 233 | 1,942 | 110,514 | 35,675 | 21,738 | 68 | 21,365 |
| Extraction of crude petroleum and natural gas | 25,055 | 16,034 | 1,401 | 6,464 | 2,078 | 3,904 | 1,738 | 242 | 7,115 |
| Mining of uranium and thorium ores | 3 | 3 | 5 | 67 | 1 | 2 | 91 | 1 | 22 |
| Mining of metal ores | 270 | 1,284 | 610 | 2,356 | 169 | 189 | 65,998 | 56 | 8,867 |
| Other mining and quarrying | 231,439 | 2,487 | 3,023 | 14,649 | 1,762 | 2,882 | 1,226 | 245 | 32,214 |
| Manufacture of food products and beverages | 75,824 | 142,386 | 49,690 | 105,733 | 47,728 | 41,491 | 41,016 | 13,872 | 64,718 |
| Manufacture of tobacco products | 1,069 | 2,308 | 225 | 181 | 630 | 537 | 1,883 | 1 | 854 |
| Manufacture of textiles | 15,055 | 12,296 | 25,666 | 27,857 | 13,521 | 12,111 | 6,529 | 2,588 | 14,453 |
| Manufacture of wearing apparel... | 20,376 | 8,021 | 9,325 | 11,963 | 14,382 | 14,982 | 20,457 | 2,143 | 12,706 |
| Tanning and dressing of leather | 5,285 | 5,139 | 7,943 | 6,157 | 4,887 | 7,580 | 4,164 | 515 | 5,209 |
| Manuf. of wood and of products of wood and cork, except furniture | 11,990 | 13,965 | 11,850 | 12,672 | 10,703 | 19,080 | 8,463 | 3,349 | 11,509 |
| Manuf. of pulp, paper and paper products | 9,667 | 11,367 | 6,265 | 12,153 | 7,636 | 8,584 | 4,208 | 2,341 | 7,778 |
| Publishing, printing and reproduction of recorded media | 42,438 | 102,738 | 22,243 | 108,072 | 21,435 | 17,538 | 17,631 | 9,185 | 42,660 |
| Manuf. of coke, refined petroleum products and nuclear fuel | 3,780 | 3,585 | 354 | 99 | 2,022 | 6,350 | 771 | 46 | 2,126 |
| Manuf. of chemicals and chemical products | 28,911 | 156,667 | 32,192 | 26,179 | 34,954 | 32,072 | 16,921 | 8,109 | 42,001 |
| Manuf. of rubber and plastic products | 41,448 | 17,845 | 21,509 | 22,145 | 13,504 | 20,533 | 11,861 | 4,291 | 19,142 |
| Manuf. of other non-metallic mineral products | 13,439 | 30,623 | 15,882 | 50,013 | 12,768 | 15,723 | 8,360 | 3,146 | 18,744 |
| Manuf. of basic metals | 22,374 | 82,773 | 23,650 | 32,971 | 23,654 | 12,041 | 9,550 | 1,441 | 26,057 |
| Manuf. of fabric. metal products, except machinery and equip. | 58,360 | 56,641 | 63,839 | 60,651 | 37,341 | 45,058 | 34,258 | 12,489 | 46,080 |
| Manuf. of machinery and equipment n.e.c. | 49,621 | 94,373 | 73,348 | 61,561 | 62,321 | 36,713 | 59,400 | 9,218 | 55,819 |
| Manuf. of office machinery and computers | 6,578 | 5,921 | 2,662 | 6,365 | 2,375 | 2,797 | 3,049 | 1,618 | 3,921 |
| Manuf. of electrical machinery and apparatus n.e.c. | 47,987 | 34,245 | 16,821 | 14,411 | 23,616 | 19,035 | 8,383 | 3,751 | 21,031 |
| Manuf. of radio, television and communication equipment | 33,584 | 14,332 | 17,678 | 16,728 | 7,614 | 6,365 | 4,491 | 1,941 | 12,842 |
| Manuf. of medical, precision and optical instruments | 13,309 | 15,463 | 14,915 | 26,193 | 9,712 | 7,435 | 6,297 | 2,958 | 12,035 |
| Manuf. of motor vehicles, trailers and semi-trailers | 26,538 | 79,488 | 62,375 | 24,024 | 30,388 | 12,921 | 15,060 | 3,550 | 31,793 |
| Manuf. of other transport equipment | 8,162 | 11,455 | 16,521 | 10,474 | 11,924 | 13,858 | 3,714 | 2,640 | 9,844 |
| Manuf. of furniture; manufacturing n.e.c. | 32,718 | 30,380 | 28,102 | 22,046 | 19,748 | 20,428 | 14,194 | 2,796 | 21,302 |
| Recycling | 1,769 | 3,242 | 3,704 | 2,357 | 1,470 | 3,002 | 1,930 | 589 | 2,258 |
| Electricity, gas, steam and hot water supply | 110,771 | 53,889 | 39,241 | 78,433 | 28,345 | 34,447 | 11,567 | 3,154 | 44,981 |
| Collection, purification and distribution of water | 4,585 | 19,174 | 5,962 | 13,895 | 8,065 | 4,759 | 4,122 | 7,228 | 8,574 |
| Construction | 136,562 | 166,697 | 200,378 | 205,307 | 158,314 | 163,059 | 154,291 | 83,666 | 158,534 |
| Sale, maintenance and repair of motor vehicles and motorcycles | 34,313 | 55,357 | 45,818 | 56,385 | 37,537 | 41,800 | 32,475 | 14,156 | 39,730 |
| Wholesale trade and commission trade, except of motor vehicles | 190,795 | 142,043 | 231,923 | 154,158 | 111,620 | 142,948 | 113,674 | 114,864 | 150,253 |
| Retail trade, except of motor vehicles and motorcycles | 226,271 | 225,190 | 226,299 | 201,103 | 168,898 | 173,553 | 165,111 | 82,701 | 183,641 |
| Hotels and restaurants | 66,927 | 340,797 | 113,468 | 156,724 | 113,997 | 94,935 | 140,394 | 58,019 | 135,658 |
| Land transport; transport via pipelines | 85,511 | 63,852 | 233,526 | 71,172 | 34,339 | 48,221 | 49,314 | 21,390 | 75,916 |
| Water transport | 4,437 | 42,628 | 14,365 | 3,609 | 2,428 | 2,292 | 3,093 | 2,003 | 9,357 |
| Air transport | 14,283 | 2,085 | 24,345 | 3,527 | 2,523 | 4,237 | 3,149 | 1,236 | 6,923 |
| Supporting and auxiliary transport activities | 28,282 | 39,484 | 38,973 | 39,519 | 26,062 | 37,019 | 27,234 | 10,180 | 30,844 |
| Post and telecommunications | 173,589 | 39,313 | 649,614 | 65,018 | 18,858 | 90,923 | 22,669 | 15,452 | 134,430 |
| Financial intermediation, except insurance and pension funding | 118,553 | 45,377 | 119,220 | 41,455 | 48,364 | 67,050 | 28,797 | 4,217 | 59,129 |
| Insurance and pension funding, except compulsory social security | 27 | 19 | 131 | 0 | 0 | 0 | 0 | 0 | 22 |
| Activities auxiliary to financial intermediation | 16,263 | 18,908 | 13,491 | 28,868 | 10,706 | 8,369 | 17,547 | 15,357 | 16,189 |
| Real estate activities | 38,759 | 44,579 | 61,593 | 80,665 | 61,751 | 37,943 | 39,014 | 11,241 | 46,943 |
| Renting of machinery and equipment without operator | 7,403 | 8,087 | 35,558 | 5,751 | 5,470 | 7,394 | 4,022 | 1,543 | 9,404 |
| Computer and related activities | 51,426 | 91,011 | 72,530 | 57,722 | 31,849 | 34,688 | 45,447 | 14,076 | 49,844 |
| Research and development | 11,734 | 9,139 | 7,761 | 26,219 | 6,395 | 8,821 | 4,289 | 1,453 | 9,476 |
| Other business activities | 853,472 | 760,036 | 799,387 | 598,306 | 823,657 | 869,793 | 777,628 | 260,014 | 717,787 |
| Public administration and defence; compulsory social security | 4,086 | 8,380 | 2,269 | 13,710 | 3,345 | 11,645 | 2,710 | 623 | 5,846 |
| Education | 11,032 | 11,892 | 14,563 | 17,029 | 13,601 | 15,935 | 11,323 | 6,575 | 12,744 |
| Health and social work | 80,824 | 104,702 | 56,070 | 98,925 | 60,208 | 83,279 | 71,809 | 26,199 | 72,752 |
| Sewage and refuse disposal, sanitation and similar activities | 0 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 0 |
| Sewage and refuse disposal, sanitation and similar activities | 7,585 | 8,332 | 10,217 | 7,019 | 6,086 | 8,786 | 4,544 | 1,486 | 6,757 |
| Activities of membership organizations n.e.c. | 1,439 | 3,834 | 2,565 | 3,757 | 3,326 | 7,025 | 1,082 | 571 | 2,950 |
| Recreational, cultural and sporting activities | 41,212 | 114,350 | 39,314 | 49,678 | 44,159 | 37,431 | 18,332 | 7,572 | 44,006 |
| Other service activities | 29,886 | 33,739 | 39,320 | 26,856 | 27,946 | 24,778 | 24,258 | 8,701 | 26,936 |
| Activities of households as employers of domestic staff | 448 | 127 | 235 | 87 | 442 | 363 | 75 | 74 | 231 |
| Undifferent. goods producing activities of private households | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Undifferent. services producing activities of private households | 0 | 0 | 0 | 0 | 21 | 6 | 0 | 1 | 4 |
| Extra-territorial organizations and bodies | 359 | 199 | 1,079 | 2,098 | 175 | 167 | 88 | 1,087 | 657 |
| TOTAL | 3,197,652 | 3,479,408 | 3,672,677 | 2,848,191 | 2,410,522 | 2,596,782 | 2,190,388 | 873,100 | 2,658,590 |

I.LC.4. GROSS EMPLOYMENT DESTROYED BY EXITING ENTERPRISES IN AMADEUS SAMPLE BY SECTOR, 1999-2006

| SECTOR | 1999 | 2000 | 2001 | 2002 | 2003 | 2004 | 2005 | 2006 | time average |
|-------------------------------------------------------------------|----------------|------------------|------------------|------------------|------------------|------------------|------------------|-------------------|------------------|
| Agriculture, hunting and related service activities | 7,269 | 51,249 | 22,885 | 58,207 | 102,441 | 255,382 | 98,534 | 76,382 | 84,044 |
| Forestry, logging and related service activities | 339 | 1,675 | 5,723 | 5,346 | 12,012 | 28,142 | 4,300 | 21,023 | 9,820 |
| Fishing, fish farming and related service activities | 1,483 | 555 | 3,465 | 2,347 | 5,510 | 10,636 | 3,669 | 7,562 | 4,403 |
| Mining of coal and lignite; extraction of peat | 1,091 | 4,099 | 9,727 | 29,860 | 209,198 | 105,495 | 72,099 | 8,019 | 54,949 |
| Extraction of crude petroleum and natural gas | 943 | 2,420 | 5,707 | 15,039 | 12,615 | 283,220 | 121,545 | 6,764 | 56,032 |
| Mining of uranium and thorium ores | 0 | 0 | 0 | 11,258 | 12 | 127 | 0 | 21 | 1,427 |
| Mining of metal ores | 268 | 60 | 1,265 | 7,534 | 1,271 | 79,904 | 30,112 | 752 | 15,146 |
| Other mining and quarrying | 2,251 | 2,505 | 2,337 | 7,921 | 12,491 | 10,897 | 8,608 | 29,106 | 9,515 |
| Manufacture of food products and beverages | 46,559 | 68,606 | 145,946 | 146,870 | 222,869 | 370,065 | 198,748 | 267,080 | 183,343 |
| Manufacture of tobacco products | 7 | 3,036 | 6,308 | 1,602 | 133 | 8,208 | 2,086 | 2,435 | 2,977 |
| Manufacture of textiles | 19,695 | 24,892 | 54,122 | 42,591 | 65,173 | 111,661 | 69,320 | 67,679 | 56,892 |
| Manufacture of wearing apparel... | 10,551 | 11,028 | 25,920 | 28,920 | 44,999 | 73,141 | 49,735 | 50,824 | 36,890 |
| Tanning and dressing of leather | 6,327 | 6,370 | 14,121 | 12,547 | 20,631 | 34,302 | 16,796 | 17,923 | 16,127 |
| Manuf. of wood and of products of wood and cork, except furniture | 3,063 | 5,386 | 14,273 | 25,977 | 30,295 | 66,198 | 46,231 | 38,927 | 28,794 |
| Manuf. of pulp, paper and paper products | 18,679 | 14,322 | 40,223 | 28,472 | 30,045 | 65,766 | 36,894 | 61,257 | 36,957 |
| Publishing, printing and reproduction of recorded media | 14,632 | 28,932 | 106,107 | 192,091 | 548,919 | 154,810 | 312,626 | 167,840 | 190,745 |
| Manuf. of coke, refined petroleum products and nuclear fuel | 423 | 604 | 11,612 | 6,953 | 6,519 | 8,123 | 7,380 | 19,225 | 7,605 |
| Manuf. of chemicals and chemical products | 15,337 | 37,469 | 84,011 | 94,683 | 107,307 | 256,666 | 162,057 | 170,829 | 116,045 |
| Manuf. of rubber and plastic products | 13,032 | 16,819 | 26,469 | 46,592 | 50,488 | 115,440 | 114,932 | 142,457 | 65,779 |
| Manuf. of other non-metallic mineral products | 17,309 | 20,604 | 26,890 | 50,604 | 49,766 | 139,040 | 62,439 | 183,347 | 68,750 |
| Manuf. of basic metals | 13,628 | 56,900 | 48,383 | 140,631 | 119,290 | 461,475 | 95,273 | 101,800 | 129,673 |
| Manuf. of fabric. metal products, except machinery and equip. | 50,560 | 52,682 | 108,846 | 132,372 | 164,214 | 354,868 | 131,952 | 213,747 | 151,155 |
| Manuf. of machinery and equipment n.e.c. | 33,051 | 108,034 | 101,250 | 105,253 | 206,752 | 319,620 | 204,390 | 351,565 | 178,739 |
| Manuf. of office machinery and computers | 3,753 | 6,128 | 3,927 | 4,825 | 125,115 | 18,371 | 7,514 | 16,092 | 23,216 |
| Manuf. of electrical machinery and apparatus n.e.c. | 15,822 | 22,960 | 38,844 | 64,593 | 65,875 | 98,894 | 97,688 | 145,051 | 68,716 |
| Manuf. of radio, television and communication equipment | 7,843 | 10,631 | 20,822 | 89,858 | 83,648 | 475,816 | 55,981 | 60,155 | 100,594 |
| Manuf. of medical, precision and optical instruments | 3,555 | 6,621 | 29,906 | 39,035 | 68,111 | 91,321 | 51,833 | 99,694 | 48,760 |
| Manuf. of motor vehicles, trailers and semi-trailers | 11,500 | 15,295 | 19,395 | 32,748 | 103,218 | 434,905 | 104,218 | 149,957 | 108,905 |
| Manuf. of other transport equipment | 5,756 | 33,499 | 38,481 | 51,322 | 292,011 | 42,751 | 32,664 | 163,762 | 82,531 |
| Manuf. of furniture; manufacturing n.e.c. | 13,720 | 20,549 | 25,066 | 43,312 | 55,385 | 87,977 | 71,237 | 93,438 | 51,336 |
| Recycling | 203 | 964 | 2,222 | 2,282 | 4,701 | 11,331 | 9,774 | 7,772 | 4,906 |
| Electricity, gas, steam and hot water supply | 20,511 | 26,739 | 30,971 | 94,041 | 70,283 | 358,143 | 82,602 | 73,893 | 94,648 |
| Collection, purification and distribution of water | 404 | 127 | 3,009 | 5,027 | 6,772 | 20,440 | 19,493 | 12,538 | 8,476 |
| Construction | 54,036 | 116,323 | 194,760 | 223,106 | 318,161 | 425,000 | 417,926 | 786,703 | 317,002 |
| Sale, maintenance and repair of motor vehicles and motorcycles | 21,130 | 34,546 | 46,132 | 49,887 | 82,593 | 92,516 | 122,445 | 178,593 | 78,480 |
| Wholesale trade and commission trade, except of motor vehicles | 104,044 | 161,714 | 154,256 | 204,570 | 600,495 | 445,331 | 594,978 | 783,497 | 381,111 |
| Retail trade, except of motor vehicles and motorcycles | 79,036 | 108,040 | 109,785 | 231,652 | 350,129 | 526,428 | 600,270 | 702,866 | 338,526 |
| Hotels and restaurants | 38,652 | 47,947 | 74,327 | 70,581 | 95,724 | 153,488 | 187,240 | 319,908 | 123,483 |
| Land transport; transport via pipelines | 14,686 | 54,255 | 90,216 | 52,284 | 108,636 | 315,043 | 152,088 | 640,673 | 178,485 |
| Water transport | 1,733 | 2,202 | 3,127 | 5,305 | 17,825 | 54,275 | 16,984 | 22,015 | 15,433 |
| Air transport | 3,489 | 7,496 | 27,170 | 4,190 | 6,537 | 42,814 | 10,611 | 28,286 | 16,324 |
| Supporting and auxiliary transport activities | 17,470 | 26,026 | 38,535 | 104,462 | 78,883 | 163,516 | 106,890 | 207,529 | 92,914 |
| Post and telecommunications | 10,164 | 14,203 | 44,441 | 211,816 | 362,154 | 207,257 | 81,300 | 429,114 | 170,056 |
| Financial intermediation, except insurance and pension funding | 19,888 | 59,072 | 38,543 | 205,437 | 106,913 | 305,568 | 149,488 | 181,603 | 133,314 |
| Insurance and pension funding, except compulsory social security | 223 | 0 | 195 | 51 | 791 | 0 | 0 | 0 | 158 |
| Activities auxiliary to financial intermediation | 2,548 | 5,331 | 12,957 | 19,530 | 33,105 | 47,296 | 40,523 | 45,343 | 25,829 |
| Real estate activities | 7,759 | 37,582 | 64,181 | 66,399 | 73,907 | 195,378 | 196,824 | 226,010 | 108,505 |
| Renting of machinery and equipment without operator | 2,058 | 4,223 | 7,269 | 9,795 | 17,996 | 19,282 | 28,063 | 38,923 | 15,951 |
| Computer and related activities | 21,330 | 28,853 | 83,971 | 86,225 | 88,065 | 214,272 | 153,104 | 195,785 | 108,951 |
| Research and development | 1,522 | 3,788 | 7,843 | 111,968 | 119,243 | 49,294 | 39,443 | 75,988 | 51,136 |
| Other business activities | 116,323 | 265,256 | 540,872 | 683,002 | 939,342 | 1,223,502 | 2,249,365 | 3,109,248 | 1,140,864 |
| Public administration and defence; compulsory social security | 13,312 | 2,203 | 19,528 | 5,714 | 21,357 | 15,479 | 22,014 | 26,553 | 15,770 |
| Education | 1,749 | 4,926 | 8,432 | 13,272 | 18,897 | 25,868 | 34,524 | 64,798 | 21,558 |
| Health and social work | 13,418 | 14,311 | 24,353 | 37,287 | 59,162 | 133,600 | 148,984 | 360,016 | 98,891 |
| Sewage and refuse disposal, sanitation and similar activities | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 |
| Sewage and refuse disposal, sanitation and similar activities | 2,898 | 4,267 | 7,410 | 13,689 | 16,279 | 38,109 | 88,413 | 51,012 | 27,760 |
| Activities of membership organizations n.e.c. | 472 | 1,466 | 1,377 | 2,507 | 4,242 | 11,399 | 43,504 | 11,609 | 9,572 |
| Recreational, cultural and sporting activities | 6,816 | 13,568 | 19,484 | 44,028 | 61,201 | 79,186 | 65,301 | 113,032 | 50,327 |
| Other service activities | 13,258 | 23,497 | 32,785 | 36,248 | 195,487 | 86,006 | 48,030 | 101,576 | 67,111 |
| Activities of households as employers of domestic staff | 32 | 0 | 44 | 11 | 1,529 | 492 | 235 | 189 | 317 |
| Undifferent. goods producing activities of private households | 0 | 0 | 0 | 0 | 14 | 0 | 0 | 0 | 2 |
| Undifferent. services producing activities of private households | 0 | 0 | 0 | 0 | 392 | 1 | 0 | 0 | 49 |
| Extra-territorial organizations and bodies | 1,889 | 3,853 | 600 | 686 | 3,510 | 7,889 | 3,985 | 4,467 | 3,360 |
| TOTAL | 929,661 | 1,706,708 | 2,730,831 | 4,114,416 | 6,681,491 | 9,831,508 | 7,985,262 | 11,534,252 | 5,689,266 |

II.D. JOB FLOWS INDICATORS

II.D.1. GROSS JOB CREATION RATE OF CONTINUING ENTERPRISES IN AMADEUS SAMPLE BY SECTOR, 1999-2006

| SECTOR | 1999 | 2000 | 2001 | 2002 | 2003 | 2004 | 2005 | 2006 | time average | ratio of time averages |
|-------------------------------------------------------------------|------|------|------|------|------|------|------|------|--------------|------------------------|
| Agriculture, hunting and related service activities | 6.2 | 3.9 | 4.6 | 7.2 | 4.6 | 6.1 | 6.1 | 6.8 | 5.7 | 5.7 |
| Forestry, logging and related service activities | 5.2 | 8.8 | 6.9 | 3.4 | 6.2 | 5.4 | 7.6 | 7.8 | 6.4 | 6.2 |
| Fishing, fish farming and related service activities | 7.2 | 6.5 | 6.8 | 7.3 | 4.5 | 8.3 | 7.8 | 7.9 | 7.0 | 6.9 |
| Mining of coal and lignite; extraction of peat | 3.7 | 3.2 | 3.4 | 1.8 | 17.4 | 10.5 | 3.0 | 2.8 | 5.7 | 6.1 |
| Extraction of crude petroleum and natural gas | 4.9 | 6.1 | 5.4 | 6.1 | 4.0 | 3.8 | 9.0 | 6.2 | 5.7 | 5.5 |
| Mining of uranium and thorium ores | 0.0 | 8.0 | 2.7 | 1.5 | 0.2 | 0.1 | 3.0 | 0.6 | 2.0 | 2.3 |
| Mining of metal ores | 9.9 | 3.7 | 1.3 | 6.4 | 0.8 | 2.4 | 3.3 | 5.5 | 4.2 | 3.4 |
| Other mining and quarrying | 5.8 | 7.9 | 7.5 | 2.8 | 5.9 | 6.2 | 6.7 | 6.1 | 6.1 | 6.1 |
| Manufacture of food products and beverages | 7.8 | 6.4 | 6.4 | 6.2 | 6.0 | 6.7 | 6.5 | 6.0 | 6.5 | 6.4 |
| Manufacture of tobacco products | 10.1 | 3.1 | 3.2 | 8.6 | 5.1 | 4.8 | 5.6 | 1.8 | 5.3 | 5.3 |
| Manufacture of textiles | 6.2 | 6.5 | 6.4 | 4.6 | 4.6 | 6.0 | 5.2 | 9.1 | 6.1 | 5.9 |
| Manufacture of wearing apparel... | 7.2 | 6.3 | 6.4 | 5.3 | 7.0 | 6.9 | 7.6 | 9.3 | 7.0 | 6.9 |
| Tanning and dressing of leather | 7.5 | 9.4 | 7.1 | 5.9 | 6.9 | 6.5 | 7.7 | 6.1 | 7.1 | 7.1 |
| Manuf. of wood and of products of wood and cork, except furniture | 7.0 | 8.1 | 6.9 | 6.1 | 6.3 | 7.8 | 6.6 | 5.6 | 6.8 | 6.8 |
| Manuf. of pulp, paper and paper products | 4.3 | 5.1 | 6.2 | 4.1 | 3.3 | 4.3 | 3.7 | 6.0 | 4.6 | 4.6 |
| Publishing, printing and reproduction of recorded media | 11.1 | 19.6 | 10.2 | 9.1 | 5.5 | 7.5 | 6.8 | 6.1 | 9.5 | 9.5 |
| Manuf. of coke, refined petroleum products and nuclear fuel | 2.3 | 5.1 | 5.1 | 5.3 | 2.2 | 3.7 | 3.8 | 2.1 | 3.7 | 3.9 |
| Manuf. of chemicals and chemical products | 4.6 | 5.9 | 6.7 | 4.5 | 4.3 | 5.1 | 4.4 | 7.7 | 5.4 | 5.3 |
| Manuf. of rubber and plastic products | 11.0 | 12.0 | 8.6 | 5.9 | 5.7 | 8.0 | 7.7 | 4.8 | 8.0 | 7.9 |
| Manuf. of other non-metallic mineral products | 22.0 | 6.3 | 5.7 | 4.6 | 5.4 | 13.2 | 6.3 | 5.5 | 8.6 | 8.2 |
| Manuf. of basic metals | 7.0 | 6.7 | 4.5 | 4.2 | 3.7 | 10.3 | 7.1 | 11.3 | 6.8 | 6.4 |
| Manuf. of fabric. metal products, except machinery and equip. | 15.2 | 8.0 | 7.4 | 10.2 | 5.4 | 6.4 | 6.9 | 7.2 | 8.3 | 8.1 |
| Manuf. of machinery and equipment n.e.c. | 7.0 | 6.5 | 6.3 | 5.0 | 5.9 | 5.6 | 5.6 | 7.5 | 6.2 | 6.1 |
| Manuf. of office machinery and computers | 9.2 | 8.1 | 36.7 | 9.1 | 4.8 | 6.3 | 7.1 | 8.5 | 11.2 | 11.8 |
| Manuf. of electrical machinery and apparatus n.e.c. | 7.7 | 7.5 | 6.1 | 5.8 | 5.4 | 7.2 | 7.1 | 7.0 | 6.7 | 6.7 |
| Manuf. of radio, television and communication equipment | 25.9 | 5.1 | 9.0 | 3.3 | 5.3 | 3.7 | 6.1 | 4.6 | 7.9 | 7.6 |
| Manuf. of medical, precision and optical instruments | 7.4 | 8.7 | 8.3 | 4.7 | 5.8 | 6.8 | 5.7 | 5.9 | 6.6 | 6.6 |
| Manuf. of motor vehicles, trailers and semi-trailers | 8.9 | 5.9 | 6.1 | 2.9 | 3.6 | 4.5 | 3.9 | 2.7 | 4.8 | 4.7 |
| Manuf. of other transport equipment | 4.9 | 7.9 | 6.9 | 4.3 | 4.3 | 12.4 | 4.7 | 5.3 | 6.4 | 6.5 |
| Manuf. of furniture; manufacturing n.e.c. | 5.0 | 7.4 | 6.3 | 5.5 | 5.9 | 6.4 | 6.4 | 5.8 | 6.1 | 6.1 |
| Recycling | 7.3 | 11.2 | 8.5 | 8.1 | 8.2 | 14.3 | 9.2 | 8.2 | 9.4 | 9.6 |
| Electricity, gas, steam and hot water supply | 6.0 | 6.4 | 5.7 | 8.7 | 6.4 | 4.6 | 5.1 | 3.8 | 5.8 | 6.0 |
| Collection, purification and distribution of water | 11.8 | 4.9 | 6.3 | 5.2 | 2.4 | 4.0 | 2.8 | 3.0 | 5.1 | 5.3 |
| Construction | 9.3 | 9.7 | 8.9 | 8.5 | 9.2 | 10.3 | 9.0 | 9.8 | 9.3 | 9.3 |
| Sale, maintenance and repair of motor vehicles and motorcycles | 8.0 | 7.4 | 7.8 | 7.5 | 8.1 | 10.8 | 7.5 | 6.6 | 8.0 | 8.0 |
| Wholesale trade and commission trade, except of motor vehicles | 8.6 | 10.4 | 9.8 | 7.8 | 9.6 | 13.1 | 9.6 | 10.0 | 9.8 | 9.9 |
| Retail trade, except of motor vehicles and motorcycles | 10.3 | 9.4 | 9.4 | 7.0 | 9.3 | 11.0 | 8.0 | 7.4 | 9.0 | 9.0 |
| Hotels and restaurants | 20.6 | 9.2 | 10.8 | 8.9 | 7.4 | 7.9 | 7.6 | 7.7 | 10.0 | 9.4 |
| Land transport; transport via pipelines | 8.0 | 12.1 | 7.8 | 5.6 | 6.2 | 5.5 | 6.9 | 5.5 | 7.2 | 7.0 |
| Water transport | 11.7 | 6.3 | 6.1 | 5.1 | 5.0 | 9.4 | 7.0 | 16.4 | 8.4 | 7.8 |
| Air transport | 7.2 | 6.9 | 5.7 | 4.9 | 3.1 | 3.7 | 4.4 | 4.7 | 5.1 | 5.1 |
| Supporting and auxiliary transport activities | 9.3 | 16.0 | 11.6 | 6.6 | 8.6 | 10.2 | 9.0 | 7.4 | 9.8 | 9.7 |
| Post and telecommunications | 8.2 | 11.6 | 10.9 | 10.2 | 3.5 | 6.4 | 4.0 | 3.6 | 7.3 | 7.3 |
| Financial intermediation, except insurance and pension funding | 14.9 | 13.1 | 10.9 | 8.1 | 16.1 | 8.2 | 16.2 | 9.6 | 12.2 | 12.1 |
| Insurance and pension funding, except compulsory social security | 11.0 | 30.4 | 5.1 | 1.4 | 0.2 | 11.5 | 0.0 | 0.0 | 7.4 | 13.7 |
| Activities auxiliary to financial intermediation | 18.6 | 13.5 | 10.0 | 9.9 | 9.2 | 10.3 | 8.9 | 9.4 | 11.2 | 10.8 |
| Real estate activities | 10.4 | 10.5 | 10.5 | 7.9 | 9.3 | 10.9 | 13.6 | 11.7 | 10.6 | 10.6 |
| Renting of machinery and equipment without operator | 9.5 | 12.4 | 10.1 | 7.9 | 9.6 | 9.6 | 10.2 | 8.2 | 9.7 | 9.6 |
| Computer and related activities | 18.5 | 17.9 | 15.6 | 12.2 | 9.4 | 9.6 | 11.2 | 9.9 | 13.0 | 12.6 |
| Research and development | 14.5 | 7.9 | 8.0 | 5.0 | 4.3 | 7.3 | 6.9 | 8.6 | 7.8 | 6.9 |
| Other business activities | 14.4 | 15.0 | 11.2 | 9.2 | 9.6 | 10.2 | 10.3 | 9.8 | 11.2 | 11.0 |
| Public administration and defence; compulsory social security | 6.7 | 6.4 | 5.2 | 4.3 | 19.1 | 29.2 | 19.2 | 13.2 | 12.9 | 15.2 |
| Education | 9.7 | 8.1 | 9.4 | 8.5 | 6.9 | 8.7 | 9.2 | 9.0 | 8.7 | 8.6 |
| Health and social work | 11.1 | 7.9 | 8.1 | 7.3 | 7.0 | 11.0 | 8.3 | 8.8 | 8.7 | 8.6 |
| Sewage and refuse disposal, sanitation and similar activities | | 47.8 | 10.8 | 16.0 | 0.0 | 0.0 | | | 14.9 | 20.2 |
| Sewage and refuse disposal, sanitation and similar activities | 8.0 | 9.8 | 10.8 | 8.1 | 16.5 | 10.7 | 6.5 | 8.3 | 9.8 | 10.1 |
| Activities of membership organizations n.e.c. | 13.1 | 6.9 | 9.7 | 7.1 | 5.0 | 9.8 | 6.5 | 9.0 | 8.4 | 7.9 |
| Recreational, cultural and sporting activities | 8.8 | 9.8 | 10.3 | 9.7 | 8.1 | 9.8 | 9.1 | 9.5 | 9.4 | 9.4 |
| Other service activities | 12.0 | 11.0 | 9.2 | 8.5 | 8.1 | 8.7 | 10.3 | 10.3 | 9.8 | 9.6 |
| Activities of households as employers of domestic staff | 5.2 | 9.4 | 10.4 | 14.4 | 6.1 | 9.7 | 23.9 | 8.2 | 10.9 | 10.0 |
| Undifferent. goods producing activities of private households | | | | 0.0 | 0.0 | | | | 0.0 | 0.0 |
| Undifferent. services producing activities of private households | | | | 0.0 | 0.0 | | 11.1 | 0.0 | 2.2 | 0.4 |
| Extra-territorial organizations and bodies | 4.3 | 4.5 | 5.4 | 8.8 | 8.8 | 3.8 | 4.0 | 3.0 | 5.3 | 5.6 |
| SECTOR average | 9.2 | 9.6 | 8.1 | 6.5 | 6.2 | 7.7 | 7.3 | 7.2 | 7.7 | 8.5 |
| ratio of totals | 10.8 | 9.9 | 8.7 | 7.3 | 7.4 | 8.8 | 8.0 | 8.1 | 8.6 | |

II.D.2. GROSS JOB CREATION RATE OF ENTERING ENTERPRISES IN AMADEUS SAMPLE BY SECTOR, 1999-2006

| SECTOR | 1999 | 2000 | 2001 | 2002 | 2003 | 2004 | 2005 | 2006 | time average | ratio of time averages |
|-------------------------------------------------------------------|------|------|------|------|------|-------|------|------|--------------|------------------------|
| Agriculture, hunting and related service activities | 1.7 | 3.2 | 1.4 | 1.3 | 0.5 | 2.9 | 0.5 | 0.4 | 1.5 | 1.5 |
| Forestry, logging and related service activities | 2.2 | 1.7 | 0.5 | 0.6 | 0.5 | 1.1 | 0.4 | 0.5 | 0.9 | 0.8 |
| Fishing, fish farming and related service activities | 2.4 | 1.8 | 1.1 | 1.2 | 1.3 | 0.9 | 0.7 | 0.2 | 1.2 | 1.2 |
| Mining of coal and lignite; extraction of peat | 0.1 | 0.0 | 0.0 | 0.3 | 13.9 | 5.8 | 2.7 | 0.1 | 2.9 | 3.3 |
| Extraction of crude petroleum and natural gas | 7.0 | 1.4 | 0.1 | 0.7 | 0.2 | 0.5 | 0.3 | 0.1 | 1.3 | 0.9 |
| Mining of uranium and thorium ores | 0.1 | 0.0 | 0.0 | 0.5 | 0.0 | 0.0 | 0.7 | 0.0 | 0.2 | 0.2 |
| Mining of metal ores | 0.3 | 0.3 | 0.1 | 0.5 | 0.0 | 0.1 | 25.6 | 0.0 | 3.4 | 2.7 |
| Other mining and quarrying | 64.0 | 0.4 | 0.5 | 2.3 | 0.3 | 0.4 | 0.3 | 0.1 | 8.5 | 5.9 |
| Manufacture of food products and beverages | 2.0 | 2.6 | 0.9 | 1.8 | 0.8 | 0.7 | 0.7 | 0.4 | 1.2 | 1.2 |
| Manufacture of tobacco products | 0.5 | 0.9 | 0.1 | 0.1 | 0.3 | 0.2 | 0.8 | 0.0 | 0.4 | 0.4 |
| Manufacture of textiles | 1.3 | 0.8 | 1.7 | 1.9 | 0.9 | 0.9 | 0.6 | 0.3 | 1.1 | 1.1 |
| Manufacture of wearing apparel... | 2.8 | 0.8 | 0.9 | 1.1 | 1.1 | 1.2 | 1.7 | 0.3 | 1.2 | 1.2 |
| Tanning and dressing of leather | 1.8 | 1.2 | 1.9 | 1.5 | 0.9 | 1.5 | 0.9 | 0.2 | 1.2 | 1.3 |
| Manuf. of wood and of products of wood and cork, except furniture | 2.3 | 1.9 | 1.4 | 1.4 | 1.1 | 2.0 | 0.9 | 0.5 | 1.4 | 1.4 |
| Manuf. of pulp, paper and paper products | 1.2 | 1.1 | 0.6 | 1.2 | 0.7 | 0.9 | 0.4 | 0.3 | 0.8 | 0.8 |
| Publishing, printing and reproduction of recorded media | 2.3 | 4.4 | 0.8 | 3.8 | 0.8 | 0.7 | 0.8 | 0.6 | 1.8 | 1.8 |
| Manuf. of coke, refined petroleum products and nuclear fuel | 1.3 | 0.8 | 0.1 | 0.0 | 0.4 | 1.5 | 0.2 | 0.0 | 0.5 | 0.5 |
| Manuf. of chemicals and chemical products | 0.9 | 3.6 | 0.7 | 0.6 | 0.8 | 0.8 | 0.4 | 0.3 | 1.0 | 1.0 |
| Manuf. of rubber and plastic products | 3.0 | 1.0 | 1.1 | 1.1 | 0.7 | 1.0 | 0.6 | 0.3 | 1.1 | 1.1 |
| Manuf. of other non-metallic mineral products | 0.9 | 1.6 | 0.7 | 2.3 | 0.6 | 0.7 | 0.4 | 0.2 | 0.9 | 1.0 |
| Manuf. of basic metals | 2.0 | 3.2 | 0.8 | 1.3 | 0.9 | 0.5 | 0.5 | 0.1 | 1.2 | 1.2 |
| Manuf. of fabric. metal products, except machinery and equip. | 2.3 | 1.5 | 1.7 | 1.6 | 1.0 | 1.3 | 1.0 | 0.5 | 1.3 | 1.3 |
| Manuf. of machinery and equipment n.e.c. | 1.5 | 2.0 | 1.4 | 1.2 | 1.2 | 0.7 | 1.3 | 0.3 | 1.2 | 1.2 |
| Manuf. of office machinery and computers | 2.4 | 1.8 | 0.6 | 1.3 | 0.6 | 0.8 | 1.0 | 0.7 | 1.2 | 1.1 |
| Manuf. of electrical machinery and apparatus n.e.c. | 3.1 | 1.7 | 0.8 | 0.7 | 1.0 | 0.9 | 0.4 | 0.2 | 1.1 | 1.1 |
| Manuf. of radio, television and communication equipment | 2.2 | 0.7 | 0.8 | 0.8 | 0.4 | 0.4 | 0.3 | 0.2 | 0.7 | 0.7 |
| Manuf. of medical, precision and optical instruments | 1.5 | 1.3 | 1.1 | 1.8 | 0.7 | 0.6 | 0.5 | 0.3 | 1.0 | 1.0 |
| Manuf. of motor vehicles, trailers and semi-trailers | 1.0 | 2.0 | 1.5 | 0.6 | 0.8 | 0.3 | 0.4 | 0.1 | 0.9 | 0.9 |
| Manuf. of other transport equipment | 1.1 | 0.7 | 0.9 | 0.6 | 0.8 | 0.9 | 0.3 | 0.3 | 0.7 | 0.7 |
| Manuf. of furniture; manufacturing n.e.c. | 2.5 | 2.2 | 1.9 | 1.4 | 1.2 | 1.2 | 0.9 | 0.3 | 1.5 | 1.5 |
| Recycling | 3.2 | 3.6 | 3.2 | 1.7 | 1.0 | 1.7 | 1.1 | 0.4 | 2.0 | 1.7 |
| Electricity, gas, steam and hot water supply | 8.4 | 1.9 | 1.2 | 2.3 | 0.8 | 1.1 | 0.4 | 0.2 | 2.1 | 1.7 |
| Collection, purification and distribution of water | 0.6 | 2.1 | 0.5 | 1.4 | 0.9 | 0.7 | 0.7 | 2.4 | 1.2 | 1.1 |
| Construction | 2.4 | 2.4 | 2.5 | 2.3 | 1.7 | 1.6 | 1.5 | 1.1 | 1.9 | 1.9 |
| Sale, maintenance and repair of motor vehicles and motorcycles | 2.0 | 2.8 | 2.0 | 2.4 | 1.5 | 1.5 | 1.1 | 0.6 | 1.7 | 1.7 |
| Wholesale trade and commission trade, except of motor vehicles | 3.0 | 1.9 | 2.6 | 1.5 | 1.1 | 1.2 | 1.0 | 1.4 | 1.7 | 1.6 |
| Retail trade, except of motor vehicles and motorcycles | 3.0 | 2.6 | 2.3 | 1.9 | 1.5 | 1.5 | 1.4 | 0.9 | 1.9 | 1.8 |
| Hotels and restaurants | 2.6 | 10.7 | 3.1 | 4.0 | 2.5 | 2.2 | 3.3 | 1.6 | 3.7 | 3.6 |
| Land transport; transport via pipelines | 3.0 | 1.5 | 3.8 | 1.2 | 0.5 | 0.9 | 1.0 | 0.6 | 1.6 | 1.5 |
| Water transport | 1.5 | 8.3 | 2.4 | 0.6 | 0.5 | 0.5 | 0.8 | 0.5 | 1.9 | 2.0 |
| Air transport | 3.0 | 0.3 | 3.3 | 0.5 | 0.4 | 0.8 | 0.6 | 0.3 | 1.1 | 1.2 |
| Supporting and auxiliary transport activities | 1.9 | 2.1 | 1.8 | 1.7 | 1.1 | 1.6 | 1.1 | 0.5 | 1.5 | 1.5 |
| Post and telecommunications | 7.1 | 1.1 | 14.3 | 1.3 | 0.4 | 1.9 | 0.5 | 0.5 | 3.4 | 3.2 |
| Financial intermediation, except insurance and pension funding | 5.3 | 1.9 | 4.7 | 1.8 | 2.5 | 3.9 | 2.2 | 0.4 | 2.8 | 3.1 |
| Insurance and pension funding, except compulsory social security | 0.3 | 0.2 | 1.7 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.3 | 0.5 |
| Activities auxiliary to financial intermediation | 5.5 | 5.1 | 3.1 | 5.6 | 2.1 | 1.7 | 3.5 | 3.7 | 3.8 | 3.7 |
| Real estate activities | 2.8 | 2.7 | 3.1 | 3.3 | 2.3 | 1.4 | 1.5 | 0.6 | 2.2 | 2.2 |
| Renting of machinery and equipment without operator | 2.5 | 2.3 | 8.6 | 1.2 | 1.2 | 1.6 | 0.9 | 0.4 | 2.3 | 2.3 |
| Computer and related activities | 3.7 | 5.2 | 3.4 | 2.5 | 1.3 | 1.5 | 2.0 | 0.7 | 2.5 | 2.4 |
| Research and development | 4.8 | 1.1 | 0.7 | 2.1 | 0.7 | 1.0 | 0.5 | 0.5 | 1.4 | 1.2 |
| Other business activities | 4.7 | 3.5 | 3.3 | 2.3 | 3.0 | 2.9 | 2.6 | 0.9 | 2.9 | 2.8 |
| Public administration and defence; compulsory social security | 4.4 | 5.2 | 1.1 | 7.4 | 1.1 | 4.0 | 0.9 | 0.4 | 3.1 | 2.7 |
| Education | 3.6 | 3.1 | 3.1 | 2.5 | 1.8 | 1.9 | 1.3 | 1.2 | 2.3 | 2.1 |
| Health and social work | 5.1 | 5.3 | 2.5 | 3.6 | 2.0 | 2.6 | 2.1 | 0.9 | 3.0 | 2.7 |
| Sewage and refuse disposal, sanitation and similar activities | | 1.5 | 0.6 | 0.0 | 0.0 | 0.0 | | | 0.4 | 0.7 |
| Sewage and refuse disposal, sanitation and similar activities | 2.6 | 2.2 | 2.3 | 1.3 | 0.9 | 1.3 | 0.7 | 0.3 | 1.5 | 1.3 |
| Activities of membership organizations n.e.c. | 2.4 | 5.2 | 2.8 | 2.6 | 1.7 | 3.6 | 0.6 | 0.5 | 2.4 | 2.2 |
| Recreational, cultural and sporting activities | 4.5 | 9.9 | 3.0 | 3.6 | 3.0 | 2.6 | 1.3 | 0.6 | 3.6 | 3.4 |
| Other service activities | 4.4 | 4.1 | 3.6 | 2.4 | 2.6 | 2.4 | 2.4 | 1.0 | 2.9 | 2.8 |
| Activities of households as employers of domestic staff | 9.4 | 2.6 | 5.0 | 2.9 | 10.4 | 12.8 | 3.1 | 2.7 | 6.1 | 6.2 |
| Undifferent. goods producing activities of private households | | | | | 0.0 | | | | 0.0 | 0.0 |
| Undifferent. services producing activities of private households | | | | 0.0 | 9.3 | 100.0 | 0.0 | 4.2 | 22.7 | 10.4 |
| Extra-territorial organizations and bodies | 2.8 | 2.1 | 17.0 | 18.5 | 0.9 | 1.1 | 0.7 | 12.1 | 6.9 | 5.5 |
| SECTOR average | 3.7 | 3.2 | 2.2 | 1.9 | 1.5 | 3.1 | 1.4 | 0.8 | 2.2 | 1.9 |
| ratio of totals | 3.4 | 2.8 | 2.5 | 1.9 | 1.5 | 1.7 | 1.5 | 0.8 | 2.0 | |

II.D.3. GROSS JOB CREATION RATE OF TOTAL ENTERPRISES IN AMADEUS SAMPLE BY SECTOR, 1999-2006

| SECTOR | 1999 | 2000 | 2001 | 2002 | 2003 | 2004 | 2005 | 2006 | time average | ratio of time averages |
|-------------------------------------------------------------------|------|------|------|------|------|-------|------|------|--------------|------------------------|
| Agriculture, hunting and related service activities | 8.0 | 7.1 | 6.0 | 8.5 | 5.1 | 9.1 | 6.6 | 7.2 | 7.2 | 7.2 |
| Forestry, logging and related service activities | 7.4 | 10.5 | 7.4 | 3.9 | 6.7 | 6.4 | 8.0 | 8.3 | 7.3 | 7.0 |
| Fishing, fish farming and related service activities | 9.7 | 8.3 | 7.9 | 8.6 | 5.8 | 9.2 | 8.5 | 8.1 | 8.2 | 8.1 |
| Mining of coal and lignite; extraction of peat | 3.9 | 3.2 | 3.5 | 2.0 | 31.3 | 16.3 | 5.7 | 2.9 | 8.6 | 9.4 |
| Extraction of crude petroleum and natural gas | 11.9 | 7.6 | 5.5 | 6.8 | 4.2 | 4.4 | 9.3 | 6.2 | 7.0 | 6.4 |
| Mining of uranium and thorium ores | 0.1 | 8.0 | 2.7 | 2.0 | 0.2 | 0.1 | 3.6 | 0.6 | 2.2 | 2.4 |
| Mining of metal ores | 10.2 | 4.1 | 1.5 | 6.8 | 0.8 | 2.5 | 28.9 | 5.6 | 7.5 | 6.0 |
| Other mining and quarrying | 69.7 | 8.3 | 7.9 | 5.1 | 6.1 | 6.6 | 7.0 | 6.2 | 14.6 | 11.9 |
| Manufacture of food products and beverages | 9.9 | 9.0 | 7.2 | 7.9 | 6.8 | 7.4 | 7.2 | 6.4 | 7.7 | 7.7 |
| Manufacture of tobacco products | 10.6 | 4.0 | 3.3 | 8.7 | 5.4 | 5.0 | 6.4 | 1.8 | 5.6 | 5.7 |
| Manufacture of textiles | 7.6 | 7.3 | 8.1 | 6.5 | 5.5 | 6.9 | 5.8 | 9.4 | 7.1 | 7.0 |
| Manufacture of wearing apparel... | 10.0 | 7.1 | 7.3 | 6.4 | 8.1 | 8.1 | 9.3 | 9.6 | 8.2 | 8.1 |
| Tanning and dressing of leather | 9.3 | 10.6 | 8.9 | 7.4 | 7.8 | 8.0 | 8.6 | 6.3 | 8.4 | 8.4 |
| Manuf. of wood and of products of wood and cork, except furniture | 9.2 | 10.0 | 8.3 | 7.5 | 7.4 | 9.8 | 7.5 | 6.1 | 8.2 | 8.2 |
| Manuf. of pulp, paper and paper products | 5.6 | 6.3 | 6.7 | 5.2 | 4.0 | 5.2 | 4.1 | 6.3 | 5.4 | 5.4 |
| Publishing, printing and reproduction of recorded media | 13.4 | 24.1 | 11.0 | 13.0 | 6.4 | 8.2 | 7.6 | 6.7 | 11.3 | 11.4 |
| Manuf. of coke, refined petroleum products and nuclear fuel | 3.6 | 6.0 | 5.1 | 5.3 | 2.6 | 5.2 | 4.0 | 2.1 | 4.3 | 4.4 |
| Manuf. of chemicals and chemical products | 5.5 | 9.5 | 7.4 | 5.0 | 5.1 | 5.9 | 4.8 | 8.0 | 6.4 | 6.4 |
| Manuf. of rubber and plastic products | 14.0 | 12.9 | 9.8 | 7.0 | 6.4 | 9.1 | 8.3 | 5.1 | 9.1 | 9.0 |
| Manuf. of other non-metallic mineral products | 23.0 | 7.9 | 6.5 | 6.9 | 6.0 | 13.9 | 6.7 | 5.8 | 9.6 | 9.2 |
| Manuf. of basic metals | 9.0 | 9.9 | 5.3 | 5.5 | 4.6 | 10.8 | 7.6 | 11.4 | 8.0 | 7.6 |
| Manuf. of fabric. metal products, except machinery and equip. | 17.5 | 9.5 | 9.1 | 11.8 | 6.4 | 7.7 | 7.8 | 7.6 | 9.7 | 9.4 |
| Manuf. of machinery and equipment n.e.c. | 8.5 | 8.5 | 7.8 | 6.2 | 7.2 | 6.4 | 6.9 | 7.8 | 7.4 | 7.3 |
| Manuf. of office machinery and computers | 11.6 | 9.9 | 37.4 | 10.5 | 5.4 | 7.1 | 8.1 | 9.1 | 12.4 | 12.9 |
| Manuf. of electrical machinery and apparatus n.e.c. | 10.8 | 9.2 | 6.9 | 6.5 | 6.4 | 8.0 | 7.5 | 7.2 | 7.8 | 7.7 |
| Manuf. of radio, television and communication equipment | 28.1 | 5.8 | 9.8 | 4.1 | 5.7 | 4.1 | 6.4 | 4.7 | 8.6 | 8.3 |
| Manuf. of medical, precision and optical instruments | 8.8 | 9.9 | 9.4 | 6.5 | 6.5 | 7.4 | 6.2 | 6.3 | 7.6 | 7.6 |
| Manuf. of motor vehicles, trailers and semi-trailers | 9.9 | 7.9 | 7.6 | 3.5 | 4.3 | 4.9 | 4.3 | 2.9 | 5.7 | 5.6 |
| Manuf. of other transport equipment | 6.1 | 8.6 | 7.9 | 4.9 | 5.1 | 13.3 | 4.9 | 5.6 | 7.0 | 7.2 |
| Manuf. of furniture; manufacturing n.e.c. | 7.5 | 9.6 | 8.2 | 6.9 | 7.2 | 7.6 | 7.3 | 6.1 | 7.6 | 7.6 |
| Recycling | 10.6 | 14.8 | 11.8 | 9.9 | 9.1 | 16.0 | 10.4 | 8.6 | 11.4 | 11.4 |
| Electricity, gas, steam and hot water supply | 14.4 | 8.4 | 6.8 | 11.0 | 7.2 | 5.7 | 5.5 | 4.1 | 7.9 | 7.7 |
| Collection, purification and distribution of water | 12.5 | 7.1 | 6.9 | 6.6 | 3.4 | 4.8 | 3.5 | 5.4 | 6.3 | 6.4 |
| Construction | 11.7 | 12.2 | 11.4 | 10.8 | 10.9 | 11.9 | 10.5 | 10.8 | 11.3 | 11.2 |
| Sale, maintenance and repair of motor vehicles and motorcycles | 10.0 | 10.2 | 9.8 | 9.8 | 9.5 | 12.3 | 8.7 | 7.3 | 9.7 | 9.7 |
| Wholesale trade and commission trade, except of motor vehicles | 11.6 | 12.3 | 12.5 | 9.3 | 10.6 | 14.3 | 10.5 | 11.4 | 11.6 | 11.6 |
| Retail trade, except of motor vehicles and motorcycles | 13.3 | 12.0 | 11.7 | 8.9 | 10.8 | 12.4 | 9.5 | 8.3 | 10.9 | 10.8 |
| Hotels and restaurants | 23.2 | 19.9 | 13.9 | 12.9 | 9.8 | 10.1 | 10.8 | 9.3 | 13.8 | 13.0 |
| Land transport; transport via pipelines | 11.0 | 13.6 | 11.6 | 6.7 | 6.8 | 6.4 | 7.9 | 6.1 | 8.8 | 8.6 |
| Water transport | 13.2 | 14.5 | 8.5 | 5.7 | 5.5 | 9.9 | 7.8 | 16.9 | 10.3 | 9.8 |
| Air transport | 10.2 | 7.2 | 9.0 | 5.4 | 3.5 | 4.5 | 5.0 | 5.0 | 6.2 | 6.2 |
| Supporting and auxiliary transport activities | 11.2 | 18.1 | 13.4 | 8.3 | 9.7 | 11.7 | 10.2 | 8.0 | 11.3 | 11.2 |
| Post and telecommunications | 15.4 | 12.7 | 25.2 | 11.5 | 3.9 | 8.3 | 4.5 | 4.1 | 10.7 | 10.5 |
| Financial intermediation, except insurance and pension funding | 20.3 | 15.0 | 15.6 | 9.9 | 18.7 | 12.2 | 18.4 | 10.0 | 15.0 | 15.2 |
| Insurance and pension funding, except compulsory social security | 11.3 | 30.6 | 6.8 | 1.4 | 0.2 | 11.5 | 0.0 | 0.0 | 7.7 | 14.1 |
| Activities auxiliary to financial intermediation | 24.1 | 18.6 | 13.1 | 15.5 | 11.4 | 12.0 | 12.4 | 13.1 | 15.0 | 14.4 |
| Real estate activities | 13.2 | 13.2 | 13.6 | 11.2 | 11.6 | 12.3 | 15.1 | 12.3 | 12.8 | 12.8 |
| Renting of machinery and equipment without operator | 12.0 | 14.7 | 18.7 | 9.2 | 10.8 | 11.3 | 11.1 | 8.6 | 12.0 | 11.9 |
| Computer and related activities | 22.2 | 23.1 | 19.0 | 14.7 | 10.7 | 11.1 | 13.2 | 10.6 | 15.6 | 14.9 |
| Research and development | 19.3 | 9.1 | 8.7 | 7.1 | 5.0 | 8.3 | 7.4 | 9.1 | 9.2 | 8.1 |
| Other business activities | 19.1 | 18.5 | 14.5 | 11.5 | 12.6 | 13.1 | 13.0 | 10.8 | 14.1 | 13.8 |
| Public administration and defence; compulsory social security | 11.1 | 11.5 | 6.3 | 11.7 | 20.2 | 33.2 | 20.1 | 13.6 | 16.0 | 18.0 |
| Education | 13.3 | 11.1 | 12.5 | 11.0 | 8.6 | 10.7 | 10.4 | 10.2 | 11.0 | 10.7 |
| Health and social work | 16.2 | 13.2 | 10.6 | 10.9 | 9.0 | 13.6 | 10.3 | 9.7 | 11.7 | 11.3 |
| Sewage and refuse disposal, sanitation and similar activities | 0.0 | 49.3 | 11.5 | 16.0 | 0.0 | 0.0 | 0.0 | 0.0 | 9.6 | 20.8 |
| Sewage and refuse disposal, sanitation and similar activities | 10.6 | 12.0 | 13.1 | 9.4 | 17.4 | 12.0 | 7.2 | 8.6 | 11.3 | 11.4 |
| Activities of membership organizations n.e.c. | 15.5 | 12.1 | 12.5 | 9.7 | 6.7 | 13.4 | 7.1 | 9.4 | 10.8 | 10.1 |
| Recreational, cultural and sporting activities | 13.3 | 19.7 | 13.2 | 13.3 | 11.2 | 12.4 | 10.4 | 10.1 | 13.0 | 12.8 |
| Other service activities | 16.4 | 15.1 | 12.7 | 10.8 | 10.7 | 11.1 | 12.7 | 11.3 | 12.6 | 12.4 |
| Activities of households as employers of domestic staff | 14.6 | 12.0 | 15.4 | 17.3 | 16.4 | 22.6 | 27.0 | 10.9 | 17.0 | 16.3 |
| Undifferent. goods producing activities of private households | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| Undifferent. services producing activities of private households | 0.0 | 0.0 | 0.0 | 0.0 | 9.3 | 100.0 | 11.1 | 4.2 | 15.6 | 10.7 |
| Extra-territorial organizations and bodies | 7.1 | 6.6 | 22.4 | 27.3 | 9.7 | 4.9 | 4.7 | 15.2 | 12.2 | 11.1 |
| SECTOR average | 12.3 | 12.4 | 10.1 | 8.3 | 7.7 | 10.6 | 8.5 | 7.8 | 9.7 | 10.4 |
| ratio of totals | 14.2 | 12.6 | 11.3 | 9.1 | 9.0 | 10.5 | 9.5 | 8.8 | 10.6 | |

I.I.D.4. GROSS JOB DESTRUCTION RATE OF CONTINUING ENTERPRISES IN AMADEUS SAMPLE BY SECTOR, 1999-2006

| SECTOR | 1999 | 2000 | 2001 | 2002 | 2003 | 2004 | 2005 | 2006 | time average | ratio of time averages |
|-------------------------------------------------------------------|------|------|------|-------|------|------|------|------|--------------|------------------------|
| Agriculture, hunting and related service activities | 7.1 | 12.4 | 9.6 | 10.1 | 14.8 | 25.5 | 16.8 | 8.1 | 13.1 | 14.6 |
| Forestry, logging and related service activities | 9.4 | 7.6 | 12.3 | 12.5 | 6.5 | 8.5 | 7.5 | 5.7 | 8.7 | 9.1 |
| Fishing, fish farming and related service activities | 7.4 | 6.2 | 10.6 | 12.3 | 11.8 | 13.7 | 7.9 | 6.5 | 9.5 | 10.1 |
| Mining of coal and lignite; extraction of peat | 26.5 | 14.2 | 11.1 | 6.7 | 4.7 | 7.3 | 5.2 | 10.1 | 10.7 | 9.3 |
| Extraction of crude petroleum and natural gas | 5.0 | 7.3 | 4.5 | 7.4 | 7.4 | 7.0 | 4.2 | 3.1 | 5.7 | 6.1 |
| Mining of uranium and thorium ores | 23.3 | 0.2 | 2.0 | 0.6 | 5.8 | 0.9 | 1.3 | 3.8 | 4.8 | 3.0 |
| Mining of metal ores | 8.7 | 1.1 | 3.3 | 6.2 | 3.8 | 5.3 | 1.9 | 1.3 | 3.9 | 3.8 |
| Other mining and quarrying | 5.1 | 3.2 | 10.5 | 9.5 | 6.6 | 3.9 | 5.4 | 10.8 | 6.9 | 6.9 |
| Manufacture of food products and beverages | 4.4 | 6.5 | 6.6 | 7.7 | 6.1 | 8.1 | 5.8 | 5.3 | 6.3 | 6.5 |
| Manufacture of tobacco products | 11.8 | 12.6 | 8.1 | 3.5 | 2.6 | 3.3 | 3.0 | 2.3 | 5.9 | 5.9 |
| Manufacture of textiles | 8.4 | 9.7 | 10.5 | 9.8 | 9.1 | 9.7 | 10.4 | 6.5 | 9.3 | 9.5 |
| Manufacture of wearing apparel... | 7.8 | 8.1 | 8.0 | 8.4 | 9.3 | 9.8 | 10.6 | 7.6 | 8.7 | 8.9 |
| Tanning and dressing of leather | 8.4 | 7.8 | 9.6 | 8.8 | 8.7 | 12.3 | 10.5 | 6.6 | 9.1 | 9.3 |
| Manuf. of wood and of products of wood and cork, except furniture | 5.6 | 4.7 | 6.3 | 6.9 | 6.1 | 7.5 | 6.4 | 5.6 | 6.1 | 6.2 |
| Manuf. of pulp, paper and paper products | 4.8 | 4.7 | 5.8 | 4.8 | 5.3 | 4.8 | 4.9 | 4.4 | 4.9 | 5.0 |
| Publishing, printing and reproduction of recorded media | 5.2 | 7.6 | 4.1 | 4.4 | 6.0 | 6.7 | 5.1 | 4.9 | 5.5 | 5.5 |
| Manuf. of coke, refined petroleum products and nuclear fuel | 8.1 | 4.4 | 3.4 | 6.5 | 5.8 | 4.3 | 7.2 | 1.8 | 5.2 | 5.3 |
| Manuf. of chemicals and chemical products | 8.0 | 5.4 | 5.0 | 6.0 | 5.0 | 7.0 | 7.1 | 5.5 | 6.1 | 6.1 |
| Manuf. of rubber and plastic products | 4.6 | 6.1 | 8.8 | 6.0 | 5.5 | 5.0 | 8.3 | 7.9 | 6.5 | 6.5 |
| Manuf. of other non-metallic mineral products | 5.4 | 15.5 | 5.8 | 6.2 | 7.6 | 7.1 | 6.2 | 5.6 | 7.4 | 7.5 |
| Manuf. of basic metals | 5.9 | 4.1 | 5.0 | 5.9 | 5.0 | 4.9 | 4.3 | 3.7 | 4.9 | 4.9 |
| Manuf. of fabric. metal products, except machinery and equip. | 5.3 | 12.5 | 5.7 | 6.0 | 7.8 | 6.3 | 5.0 | 5.3 | 6.8 | 6.9 |
| Manuf. of machinery and equipment n.e.c. | 5.8 | 6.7 | 7.4 | 7.3 | 6.5 | 7.8 | 8.1 | 4.3 | 6.7 | 6.9 |
| Manuf. of office machinery and computers | 4.9 | 6.4 | 9.7 | 9.5 | 7.4 | 8.4 | 5.0 | 4.9 | 7.0 | 7.4 |
| Manuf. of electrical machinery and apparatus n.e.c. | 5.8 | 8.5 | 8.2 | 7.9 | 6.4 | 7.3 | 6.4 | 6.6 | 7.1 | 7.2 |
| Manuf. of radio, television and communication equipment | 3.1 | 3.9 | 4.2 | 9.4 | 12.4 | 5.2 | 4.8 | 10.6 | 6.7 | 6.8 |
| Manuf. of medical, precision and optical instruments | 3.3 | 5.5 | 6.2 | 8.6 | 6.2 | 5.7 | 6.0 | 3.4 | 5.6 | 5.9 |
| Manuf. of motor vehicles, trailers and semi-trailers | 6.0 | 4.2 | 8.0 | 4.3 | 3.0 | 4.1 | 3.7 | 6.1 | 4.9 | 4.9 |
| Manuf. of other transport equipment | 5.0 | 4.6 | 4.7 | 5.8 | 4.7 | 6.6 | 4.8 | 3.8 | 5.0 | 5.1 |
| Manuf. of furniture; manufacturing n.e.c. | 11.0 | 5.2 | 6.4 | 6.8 | 6.5 | 6.4 | 7.0 | 7.0 | 7.1 | 7.0 |
| Recycling | 5.5 | 5.0 | 4.8 | 8.6 | 6.9 | 6.0 | 6.1 | 2.2 | 5.6 | 5.7 |
| Electricity, gas, steam and hot water supply | 5.6 | 5.3 | 4.4 | 6.5 | 7.7 | 14.9 | 8.2 | 5.5 | 7.3 | 7.5 |
| Collection, purification and distribution of water | 1.1 | 8.2 | 3.8 | 4.4 | 37.8 | 9.5 | 5.6 | 5.9 | 9.5 | 9.8 |
| Construction | 10.8 | 7.8 | 7.6 | 8.6 | 7.1 | 7.3 | 6.8 | 5.4 | 7.7 | 7.5 |
| Sale, maintenance and repair of motor vehicles and motorcycles | 5.5 | 6.3 | 5.2 | 6.3 | 6.1 | 6.4 | 6.7 | 4.5 | 5.9 | 6.0 |
| Wholesale trade and commission trade, except of motor vehicles | 11.3 | 6.9 | 5.6 | 10.8 | 7.8 | 7.5 | 6.9 | 5.6 | 7.8 | 7.7 |
| Retail trade, except of motor vehicles and motorcycles | 8.2 | 6.3 | 5.6 | 5.6 | 5.6 | 6.6 | 8.4 | 3.9 | 6.3 | 6.3 |
| Hotels and restaurants | 4.8 | 16.8 | 6.9 | 7.5 | 6.8 | 11.0 | 5.8 | 7.8 | 8.4 | 8.4 |
| Land transport; transport via pipelines | 3.8 | 4.7 | 5.6 | 5.8 | 4.1 | 8.5 | 4.6 | 5.0 | 5.3 | 5.4 |
| Water transport | 5.9 | 16.3 | 8.0 | 8.7 | 8.4 | 13.3 | 9.4 | 5.8 | 9.5 | 9.7 |
| Air transport | 2.4 | 3.3 | 2.8 | 4.1 | 4.4 | 6.0 | 4.2 | 4.2 | 3.9 | 3.9 |
| Supporting and auxiliary transport activities | 5.7 | 5.9 | 6.6 | 7.5 | 5.9 | 7.1 | 7.8 | 5.9 | 6.5 | 6.6 |
| Post and telecommunications | 6.3 | 2.3 | 7.9 | 4.9 | 4.4 | 5.2 | 3.5 | 3.7 | 4.8 | 4.8 |
| Financial intermediation, except insurance and pension funding | 7.1 | 14.6 | 8.0 | 7.0 | 6.4 | 6.6 | 8.9 | 5.2 | 8.0 | 8.2 |
| Insurance and pension funding, except compulsory social security | 5.2 | 2.0 | 7.0 | 0.1 | 1.0 | 0.0 | 0.0 | 0.0 | 1.9 | 3.5 |
| Activities auxiliary to financial intermediation | 6.7 | 9.0 | 6.6 | 9.7 | 7.2 | 5.7 | 6.6 | 4.6 | 7.0 | 7.0 |
| Real estate activities | 25.2 | 12.5 | 10.5 | 13.4 | 12.3 | 12.8 | 9.1 | 16.1 | 14.0 | 13.3 |
| Renting of machinery and equipment without operator | 6.7 | 6.9 | 6.2 | 8.4 | 6.0 | 7.8 | 5.1 | 5.6 | 6.6 | 6.6 |
| Computer and related activities | 3.6 | 5.7 | 5.9 | 8.2 | 8.9 | 7.4 | 6.1 | 4.5 | 6.3 | 6.5 |
| Research and development | 4.5 | 5.5 | 4.4 | 9.0 | 7.9 | 9.8 | 7.1 | 4.1 | 6.5 | 7.0 |
| Other business activities | 7.2 | 7.8 | 7.6 | 8.1 | 7.3 | 6.8 | 6.5 | 5.2 | 7.1 | 7.0 |
| Public administration and defence; compulsory social security | 6.5 | 5.3 | 4.2 | 5.6 | 43.2 | 18.8 | 26.0 | 5.2 | 14.4 | 18.3 |
| Education | 4.6 | 6.3 | 6.3 | 5.7 | 5.7 | 6.2 | 5.3 | 5.1 | 5.7 | 5.7 |
| Health and social work | 3.2 | 7.5 | 7.6 | 5.2 | 5.0 | 4.4 | 7.0 | 3.6 | 5.4 | 5.4 |
| Sewage and refuse disposal, sanitation and similar activities | | 43.3 | 26.8 | 0.0 | 0.0 | 0.0 | | | 14.0 | 23.1 |
| Sewage and refuse disposal, sanitation and similar activities | 5.2 | 4.9 | 7.8 | 4.7 | 7.3 | 8.0 | 7.8 | 7.6 | 6.7 | 6.9 |
| Activities of membership organizations n.e.c. | 4.4 | 5.9 | 5.0 | 3.5 | 5.7 | 5.9 | 7.9 | 18.5 | 7.1 | 7.1 |
| Recreational, cultural and sporting activities | 6.2 | 6.3 | 11.9 | 8.8 | 8.5 | 8.7 | 6.9 | 6.6 | 8.0 | 8.1 |
| Other service activities | 6.1 | 9.0 | 5.5 | 8.1 | 7.1 | 6.8 | 6.3 | 5.0 | 6.7 | 6.7 |
| Activities of households as employers of domestic staff | 7.3 | 19.6 | 2.7 | 2.4 | 8.4 | 4.6 | 3.3 | 2.4 | 6.3 | 7.2 |
| Undifferent. goods producing activities of private households | | | | | 0.0 | | | | 0.0 | 0.0 |
| Undifferent. services producing activities of private households | | | | 150.0 | 0.9 | 0.0 | 0.0 | 16.7 | 33.5 | 5.6 |
| Extra-territorial organizations and bodies | 13.4 | 4.9 | 8.1 | 7.7 | 8.8 | 11.7 | 10.5 | 11.3 | 9.6 | 9.8 |
| SECTOR average | 7.3 | 7.9 | 7.0 | 9.3 | 7.6 | 7.5 | 7.0 | 5.9 | 7.4 | 7.0 |
| ratio of totals | 7.1 | 7.4 | 6.7 | 7.4 | 7.1 | 7.7 | 6.8 | 5.5 | 7.0 | |

II.D.5. GROSS JOB DESTRUCTION RATE OF EXITING ENTERPRISES IN AMADEUS SAMPLE BY SECTOR, 1999-2006

| SECTOR | 1999 | 2000 | 2001 | 2002 | 2003 | 2004 | 2005 | 2006 | time average | ratio of time averages |
|-------------------------------------------------------------------|------|------|------|------|-------|------|------|------|--------------|------------------------|
| Agriculture, hunting and related service activities | 0.8 | 2.6 | 0.9 | 1.5 | 2.7 | 6.8 | 3.1 | 7.5 | 3.2 | 3.2 |
| Forestry, logging and related service activities | 0.3 | 0.6 | 1.4 | 1.2 | 2.7 | 6.9 | 1.1 | 21.8 | 4.5 | 3.0 |
| Fishing, fish farming and related service activities | 4.0 | 0.5 | 2.7 | 1.8 | 4.7 | 9.2 | 3.6 | 15.6 | 5.3 | 4.4 |
| Mining of coal and lignite; extraction of peat | 0.5 | 0.5 | 1.0 | 3.9 | 26.3 | 17.2 | 8.9 | 9.9 | 8.5 | 8.6 |
| Extraction of crude petroleum and natural gas | 0.3 | 0.2 | 0.5 | 1.5 | 1.1 | 38.4 | 23.9 | 1.9 | 8.5 | 7.0 |
| Mining of uranium and thorium ores | 0.0 | 0.0 | 0.0 | 78.9 | 0.1 | 0.9 | 0.0 | 0.3 | 10.0 | 11.0 |
| Mining of metal ores | 0.3 | 0.0 | 0.3 | 1.6 | 0.3 | 23.3 | 11.7 | 0.5 | 4.7 | 4.6 |
| Other mining and quarrying | 0.6 | 0.4 | 0.4 | 1.2 | 2.0 | 1.6 | 2.2 | 6.3 | 1.8 | 1.7 |
| Manufacture of food products and beverages | 1.3 | 1.3 | 2.5 | 2.5 | 3.7 | 6.4 | 3.6 | 7.3 | 3.6 | 3.5 |
| Manufacture of tobacco products | 0.0 | 1.2 | 2.7 | 0.6 | 0.1 | 3.1 | 0.9 | 1.2 | 1.2 | 1.3 |
| Manufacture of textiles | 1.8 | 1.6 | 3.6 | 2.9 | 4.3 | 8.5 | 6.0 | 8.9 | 4.7 | 4.4 |
| Manufacture of wearing apparel... | 1.5 | 1.1 | 2.5 | 2.7 | 3.4 | 5.7 | 4.1 | 7.1 | 3.5 | 3.5 |
| Tanning and dressing of leather | 2.1 | 1.5 | 3.3 | 3.0 | 4.0 | 7.0 | 3.8 | 7.0 | 4.0 | 3.9 |
| Manuf. of wood and of products of wood and cork, except furniture | 0.6 | 0.7 | 1.7 | 2.8 | 3.1 | 6.9 | 5.1 | 5.9 | 3.3 | 3.5 |
| Manuf. of pulp, paper and paper products | 2.4 | 1.4 | 3.7 | 2.7 | 2.9 | 6.7 | 3.9 | 8.7 | 4.1 | 3.9 |
| Publishing, printing and reproduction of recorded media | 0.8 | 1.3 | 3.9 | 6.8 | 21.1 | 6.4 | 14.2 | 10.4 | 8.1 | 8.2 |
| Manuf. of coke, refined petroleum products and nuclear fuel | 0.1 | 0.1 | 2.4 | 1.4 | 1.4 | 1.9 | 1.8 | 7.8 | 2.1 | 1.9 |
| Manuf. of chemicals and chemical products | 0.5 | 0.9 | 1.8 | 2.1 | 2.4 | 6.2 | 4.3 | 5.8 | 3.0 | 2.9 |
| Manuf. of rubber and plastic products | 1.0 | 0.9 | 1.4 | 2.3 | 2.5 | 5.8 | 6.0 | 9.6 | 3.7 | 3.6 |
| Manuf. of other non-metallic mineral products | 1.2 | 1.1 | 1.3 | 2.3 | 2.3 | 6.6 | 3.2 | 14.1 | 4.0 | 3.6 |
| Manuf. of basic metals | 1.2 | 2.2 | 1.7 | 5.4 | 4.7 | 20.6 | 4.6 | 7.9 | 6.0 | 6.0 |
| Manuf. of fabric. metal products, except machinery and equip. | 2.0 | 1.4 | 2.9 | 3.4 | 4.3 | 10.1 | 3.7 | 7.9 | 4.5 | 4.4 |
| Manuf. of machinery and equipment n.e.c. | 1.0 | 2.3 | 2.0 | 2.0 | 4.1 | 6.5 | 4.4 | 10.4 | 4.1 | 3.9 |
| Manuf. of office machinery and computers | 1.4 | 1.9 | 0.9 | 1.0 | 29.7 | 5.2 | 2.5 | 6.7 | 6.1 | 6.6 |
| Manuf. of electrical machinery and apparatus n.e.c. | 1.0 | 1.1 | 1.8 | 3.1 | 2.9 | 4.6 | 4.8 | 9.6 | 3.6 | 3.5 |
| Manuf. of radio, television and communication equipment | 0.5 | 0.5 | 1.0 | 4.1 | 4.1 | 30.0 | 4.1 | 5.3 | 6.2 | 5.8 |
| Manuf. of medical, precision and optical instruments | 0.4 | 0.5 | 2.2 | 2.7 | 5.2 | 7.4 | 4.3 | 11.2 | 4.3 | 4.1 |
| Manuf. of motor vehicles, trailers and semi-trailers | 0.4 | 0.4 | 0.5 | 0.8 | 2.6 | 11.4 | 3.0 | 5.6 | 3.1 | 3.0 |
| Manuf. of other transport equipment | 0.8 | 2.2 | 2.2 | 2.8 | 19.3 | 2.8 | 2.3 | 16.1 | 6.1 | 5.8 |
| Manuf. of furniture; manufacturing n.e.c. | 1.0 | 1.5 | 1.7 | 2.8 | 3.5 | 5.3 | 4.6 | 8.7 | 3.6 | 3.5 |
| Recycling | 0.4 | 1.1 | 1.9 | 1.7 | 3.1 | 6.5 | 5.6 | 5.3 | 3.2 | 3.8 |
| Electricity, gas, steam and hot water supply | 1.6 | 1.0 | 0.9 | 2.8 | 2.0 | 11.6 | 3.2 | 5.4 | 3.6 | 3.5 |
| Collection, purification and distribution of water | 0.1 | 0.0 | 0.3 | 0.5 | 0.8 | 3.2 | 3.3 | 4.2 | 1.5 | 1.1 |
| Construction | 1.0 | 1.7 | 2.4 | 2.5 | 3.3 | 4.2 | 4.2 | 10.2 | 3.7 | 3.8 |
| Sale, maintenance and repair of motor vehicles and motorcycles | 1.2 | 1.7 | 2.0 | 2.1 | 3.2 | 3.3 | 4.3 | 8.1 | 3.3 | 3.3 |
| Wholesale trade and commission trade, except of motor vehicles | 1.6 | 2.2 | 1.8 | 2.0 | 5.8 | 3.8 | 5.1 | 9.8 | 4.0 | 4.1 |
| Retail trade, except of motor vehicles and motorcycles | 1.1 | 1.3 | 1.1 | 2.2 | 3.1 | 4.5 | 5.2 | 7.5 | 3.2 | 3.4 |
| Hotels and restaurants | 1.5 | 1.5 | 2.1 | 1.8 | 2.1 | 3.5 | 4.3 | 8.7 | 3.2 | 3.3 |
| Land transport; transport via pipelines | 0.5 | 1.3 | 1.5 | 0.8 | 1.7 | 5.7 | 3.0 | 18.5 | 4.1 | 3.6 |
| Water transport | 0.6 | 0.4 | 0.5 | 0.9 | 3.4 | 11.6 | 4.5 | 5.9 | 3.5 | 3.3 |
| Air transport | 0.7 | 1.2 | 3.7 | 0.6 | 1.0 | 8.0 | 1.9 | 6.4 | 2.9 | 2.8 |
| Supporting and auxiliary transport activities | 1.2 | 1.4 | 1.8 | 4.5 | 3.3 | 6.9 | 4.4 | 10.5 | 4.3 | 4.4 |
| Post and telecommunications | 0.4 | 0.4 | 1.0 | 4.1 | 7.1 | 4.4 | 1.8 | 14.9 | 4.2 | 4.1 |
| Financial intermediation, except insurance and pension funding | 0.9 | 2.5 | 1.5 | 8.9 | 5.6 | 18.0 | 11.4 | 16.3 | 8.1 | 6.9 |
| Insurance and pension funding, except compulsory social security | 2.4 | 0.0 | 2.5 | 0.7 | 134.5 | 0.0 | 0.0 | 0.0 | 17.5 | 3.5 |
| Activities auxiliary to financial intermediation | 0.9 | 1.4 | 3.0 | 3.8 | 6.6 | 9.6 | 8.0 | 10.9 | 5.5 | 5.9 |
| Real estate activities | 0.6 | 2.3 | 3.3 | 2.7 | 2.8 | 7.3 | 7.6 | 12.2 | 4.9 | 5.1 |
| Renting of machinery and equipment without operator | 0.7 | 1.2 | 1.8 | 2.1 | 3.8 | 4.2 | 6.2 | 9.6 | 3.7 | 3.9 |
| Computer and related activities | 1.5 | 1.6 | 4.0 | 3.7 | 3.7 | 9.0 | 6.7 | 9.4 | 5.0 | 5.2 |
| Research and development | 0.6 | 0.5 | 0.7 | 9.1 | 12.8 | 5.7 | 4.9 | 25.3 | 7.5 | 6.5 |
| Other business activities | 0.6 | 1.2 | 2.2 | 2.6 | 3.4 | 4.1 | 7.6 | 11.3 | 4.1 | 4.4 |
| Public administration and defence; compulsory social security | 14.3 | 1.4 | 9.8 | 3.1 | 6.8 | 5.3 | 6.9 | 17.3 | 8.1 | 7.4 |
| Education | 0.6 | 1.3 | 1.8 | 1.9 | 2.4 | 3.1 | 3.8 | 11.4 | 3.3 | 3.5 |
| Health and social work | 0.9 | 0.7 | 1.1 | 1.4 | 1.9 | 4.2 | 4.3 | 12.0 | 3.3 | 3.7 |
| Sewage and refuse disposal, sanitation and similar activities | | 0.0 | 0.0 | 1.2 | 0.0 | 0.0 | | | 0.2 | 0.3 |
| Sewage and refuse disposal, sanitation and similar activities | 1.0 | 1.1 | 1.7 | 2.6 | 2.5 | 5.5 | 13.9 | 10.9 | 4.9 | 5.4 |
| Activities of membership organizations n.e.c. | 0.8 | 2.0 | 1.5 | 1.7 | 2.2 | 5.9 | 23.3 | 9.7 | 5.9 | 7.2 |
| Recreational, cultural and sporting activities | 0.7 | 1.2 | 1.5 | 3.2 | 4.2 | 5.6 | 4.6 | 9.0 | 3.7 | 3.9 |
| Other service activities | 1.9 | 2.9 | 3.0 | 3.2 | 18.2 | 8.5 | 4.7 | 11.4 | 6.7 | 7.0 |
| Activities of households as employers of domestic staff | 0.7 | 0.0 | 0.9 | 0.4 | 35.9 | 17.4 | 9.7 | 7.0 | 9.0 | 8.5 |
| Undifferent. goods producing activities of private households | | | | | 175.0 | | | | 175.0 | 175.0 |
| Undifferent. services producing activities of private households | | | | 0.0 | 174.2 | 16.7 | 0.0 | 0.0 | 38.2 | 145.6 |
| Extra-territorial organizations and bodies | 15.0 | 39.9 | 9.5 | 6.1 | 18.8 | 51.7 | 32.2 | 49.8 | 27.9 | 28.2 |
| SECTOR average | 2.7 | 1.7 | 2.0 | 3.8 | 13.8 | 8.7 | 5.7 | 9.6 | 6.0 | 4.1 |
| ratio of totals | 1.0 | 1.3 | 1.9 | 2.7 | 4.2 | 6.3 | 5.3 | 10.1 | 4.1 | |

II.D.6. GROSS JOB DESTRUCTION RATE OF TOTAL ENTERPRISES IN AMADEUS SAMPLE BY SECTOR, 1999-2006

| SECTOR | 1999 | 2000 | 2001 | 2002 | 2003 | 2004 | 2005 | 2006 | time average | ratio of time averages |
|-------------------------------------------------------------------|------|------|------|-------|-------|------|------|------|--------------|------------------------|
| Agriculture, hunting and related service activities | 7.9 | 14.9 | 10.4 | 11.6 | 17.5 | 32.3 | 19.9 | 15.6 | 16.3 | 17.8 |
| Forestry, logging and related service activities | 9.6 | 8.2 | 13.7 | 13.7 | 9.2 | 15.4 | 8.6 | 27.6 | 13.2 | 12.1 |
| Fishing, fish farming and related service activities | 11.4 | 6.6 | 13.2 | 14.1 | 16.5 | 22.9 | 11.5 | 22.2 | 14.8 | 14.5 |
| Mining of coal and lignite; extraction of peat | 27.0 | 14.7 | 12.1 | 10.6 | 30.9 | 24.5 | 14.1 | 20.0 | 19.2 | 17.9 |
| Extraction of crude petroleum and natural gas | 5.3 | 7.5 | 5.0 | 9.0 | 8.5 | 45.4 | 28.1 | 5.0 | 14.2 | 13.1 |
| Mining of uranium and thorium ores | 23.3 | 0.2 | 2.0 | 79.6 | 5.8 | 1.9 | 1.3 | 4.1 | 14.8 | 14.0 |
| Mining of metal ores | 8.9 | 1.2 | 3.5 | 7.8 | 4.0 | 28.5 | 13.6 | 1.8 | 8.7 | 8.3 |
| Other mining and quarrying | 5.8 | 3.6 | 10.8 | 10.7 | 8.6 | 5.6 | 7.5 | 17.1 | 8.7 | 8.7 |
| Manufacture of food products and beverages | 5.6 | 7.8 | 9.1 | 10.1 | 9.8 | 14.5 | 9.4 | 12.6 | 9.9 | 10.0 |
| Manufacture of tobacco products | 11.8 | 13.9 | 10.8 | 4.1 | 2.7 | 6.4 | 3.9 | 3.5 | 7.1 | 7.2 |
| Manufacture of textiles | 10.2 | 11.3 | 14.1 | 12.7 | 13.5 | 18.2 | 16.4 | 15.4 | 14.0 | 13.8 |
| Manufacture of wearing apparel... | 9.2 | 9.2 | 10.5 | 11.2 | 12.7 | 15.4 | 14.6 | 14.7 | 12.2 | 12.4 |
| Tanning and dressing of leather | 10.5 | 9.3 | 12.9 | 11.8 | 12.7 | 19.2 | 14.3 | 13.6 | 13.1 | 13.3 |
| Manuf. of wood and of products of wood and cork, except furniture | 6.2 | 5.4 | 8.0 | 9.7 | 9.1 | 14.4 | 11.5 | 11.4 | 9.5 | 9.7 |
| Manuf. of pulp, paper and paper products | 7.2 | 6.1 | 9.6 | 7.5 | 8.2 | 11.5 | 8.7 | 13.1 | 9.0 | 8.9 |
| Publishing, printing and reproduction of recorded media | 6.0 | 8.8 | 8.1 | 11.3 | 27.1 | 13.1 | 19.3 | 15.3 | 13.6 | 13.7 |
| Manuf. of coke, refined petroleum products and nuclear fuel | 8.2 | 4.5 | 5.8 | 7.9 | 7.2 | 6.1 | 8.9 | 9.6 | 7.3 | 7.1 |
| Manuf. of chemicals and chemical products | 8.5 | 6.3 | 6.8 | 8.1 | 7.4 | 13.1 | 11.4 | 11.3 | 9.1 | 9.0 |
| Manuf. of rubber and plastic products | 5.5 | 7.1 | 10.2 | 8.3 | 8.0 | 10.8 | 14.3 | 17.5 | 10.2 | 10.2 |
| Manuf. of other non-metallic mineral products | 6.6 | 16.5 | 7.1 | 8.6 | 10.0 | 13.7 | 9.4 | 19.7 | 11.4 | 11.2 |
| Manuf. of basic metals | 7.1 | 6.3 | 6.7 | 11.3 | 9.7 | 25.5 | 8.9 | 11.7 | 10.9 | 10.9 |
| Manuf. of fabric. metal products, except machinery and equip. | 7.3 | 14.0 | 8.6 | 9.4 | 12.1 | 16.4 | 8.7 | 13.2 | 11.2 | 11.3 |
| Manuf. of machinery and equipment n.e.c. | 6.8 | 9.0 | 9.3 | 9.4 | 10.6 | 14.4 | 12.5 | 14.7 | 10.8 | 10.8 |
| Manuf. of office machinery and computers | 6.2 | 8.3 | 10.6 | 10.5 | 37.0 | 13.5 | 7.5 | 11.6 | 13.2 | 14.0 |
| Manuf. of electrical machinery and apparatus n.e.c. | 6.8 | 9.6 | 10.0 | 11.1 | 9.4 | 11.9 | 11.2 | 16.2 | 10.8 | 10.7 |
| Manuf. of radio, television and communication equipment | 3.7 | 4.5 | 5.2 | 13.5 | 16.5 | 35.2 | 8.9 | 16.0 | 12.9 | 12.6 |
| Manuf. of medical, precision and optical instruments | 3.7 | 6.1 | 8.5 | 11.4 | 11.5 | 13.1 | 10.3 | 14.6 | 9.9 | 10.0 |
| Manuf. of motor vehicles, trailers and semi-trailers | 6.4 | 4.6 | 8.5 | 5.1 | 5.6 | 15.5 | 6.7 | 11.6 | 8.0 | 7.9 |
| Manuf. of other transport equipment | 5.8 | 6.7 | 6.9 | 8.6 | 24.0 | 9.4 | 7.1 | 19.9 | 11.1 | 10.9 |
| Manuf. of furniture; manufacturing n.e.c. | 12.1 | 6.7 | 8.1 | 9.6 | 10.0 | 11.7 | 11.6 | 15.7 | 10.7 | 10.5 |
| Recycling | 5.8 | 6.0 | 6.8 | 10.3 | 10.0 | 12.5 | 11.7 | 7.5 | 8.8 | 9.5 |
| Electricity, gas, steam and hot water supply | 7.1 | 6.3 | 5.3 | 9.3 | 9.7 | 26.6 | 11.3 | 10.9 | 10.8 | 11.0 |
| Collection, purification and distribution of water | 1.2 | 8.3 | 4.1 | 4.9 | 38.6 | 12.7 | 9.0 | 10.1 | 11.1 | 10.9 |
| Construction | 11.8 | 9.5 | 10.0 | 11.1 | 10.4 | 11.5 | 10.9 | 15.6 | 11.4 | 11.3 |
| Sale, maintenance and repair of motor vehicles and motorcycles | 6.7 | 8.1 | 7.3 | 8.4 | 9.3 | 9.8 | 11.0 | 12.6 | 9.1 | 9.3 |
| Wholesale trade and commission trade, except of motor vehicles | 12.9 | 9.1 | 7.4 | 12.8 | 13.6 | 11.3 | 12.1 | 15.4 | 11.8 | 11.8 |
| Retail trade, except of motor vehicles and motorcycles | 9.2 | 7.6 | 6.7 | 7.8 | 8.7 | 11.1 | 13.7 | 11.4 | 9.5 | 9.6 |
| Hotels and restaurants | 6.3 | 18.3 | 8.9 | 9.3 | 8.9 | 14.5 | 10.1 | 16.5 | 11.6 | 11.6 |
| Land transport; transport via pipelines | 4.3 | 6.0 | 7.0 | 6.6 | 5.9 | 14.2 | 7.6 | 23.6 | 9.4 | 9.0 |
| Water transport | 6.5 | 16.7 | 8.5 | 9.7 | 11.7 | 24.9 | 13.9 | 11.8 | 13.0 | 13.0 |
| Air transport | 3.1 | 4.4 | 6.4 | 4.7 | 5.4 | 13.9 | 6.1 | 10.7 | 6.8 | 6.6 |
| Supporting and auxiliary transport activities | 6.9 | 7.3 | 8.4 | 12.0 | 9.2 | 14.0 | 12.2 | 16.4 | 10.8 | 11.0 |
| Post and telecommunications | 6.7 | 2.7 | 8.8 | 9.0 | 11.4 | 9.6 | 5.3 | 18.6 | 9.0 | 8.9 |
| Financial intermediation, except insurance and pension funding | 8.0 | 17.2 | 9.5 | 15.8 | 12.0 | 24.6 | 20.3 | 21.5 | 16.1 | 15.1 |
| Insurance and pension funding, except compulsory social security | 7.6 | 2.0 | 9.4 | 0.8 | 135.5 | 0.0 | 0.0 | 0.0 | 19.4 | 7.1 |
| Activities auxiliary to financial intermediation | 7.6 | 10.5 | 9.6 | 13.5 | 13.8 | 15.3 | 14.6 | 15.5 | 12.6 | 12.9 |
| Real estate activities | 25.8 | 14.8 | 13.8 | 16.2 | 15.1 | 20.2 | 16.7 | 28.3 | 18.9 | 18.4 |
| Renting of machinery and equipment without operator | 7.4 | 8.1 | 7.9 | 10.5 | 9.9 | 12.0 | 11.3 | 15.2 | 10.3 | 10.5 |
| Computer and related activities | 5.2 | 7.3 | 9.8 | 11.9 | 12.6 | 16.5 | 12.8 | 13.8 | 11.2 | 11.7 |
| Research and development | 5.1 | 6.0 | 5.1 | 18.1 | 20.7 | 15.5 | 12.0 | 29.3 | 14.0 | 13.5 |
| Other business activities | 7.8 | 9.0 | 9.8 | 10.7 | 10.7 | 10.9 | 14.0 | 16.5 | 11.2 | 11.5 |
| Public administration and defence; compulsory social security | 20.8 | 6.7 | 14.1 | 8.7 | 50.1 | 24.1 | 32.9 | 22.5 | 22.5 | 25.7 |
| Education | 5.2 | 7.6 | 8.1 | 7.6 | 8.2 | 9.3 | 9.1 | 16.5 | 8.9 | 9.2 |
| Health and social work | 4.1 | 8.2 | 8.7 | 6.6 | 7.0 | 8.6 | 11.3 | 15.6 | 8.7 | 9.2 |
| Sewage and refuse disposal, sanitation and similar activities | 0.0 | 43.3 | 26.8 | 1.2 | 0.0 | 0.0 | 0.0 | 0.0 | 8.9 | 23.5 |
| Sewage and refuse disposal, sanitation and similar activities | 6.2 | 6.1 | 9.5 | 7.3 | 9.8 | 13.5 | 21.6 | 18.5 | 11.5 | 12.3 |
| Activities of membership organizations n.e.c. | 5.1 | 7.9 | 6.5 | 5.2 | 7.9 | 11.8 | 31.2 | 28.2 | 13.0 | 14.4 |
| Recreational, cultural and sporting activities | 6.9 | 7.5 | 13.3 | 12.0 | 12.8 | 14.3 | 11.5 | 15.6 | 11.7 | 12.0 |
| Other service activities | 8.0 | 11.9 | 8.5 | 11.3 | 25.3 | 15.3 | 11.0 | 16.4 | 13.5 | 13.7 |
| Activities of households as employers of domestic staff | 8.0 | 19.6 | 3.7 | 2.8 | 44.3 | 21.9 | 13.0 | 9.4 | 15.3 | 15.8 |
| Undifferent. goods producing activities of private households | 0.0 | 0.0 | 0.0 | 0.0 | 175.0 | 0.0 | 0.0 | 0.0 | 21.9 | 175.0 |
| Undifferent. services producing activities of private households | 0.0 | 0.0 | 0.0 | 150.0 | 175.1 | 16.7 | 0.0 | 16.7 | 44.8 | 151.1 |
| Extra-territorial organizations and bodies | 28.4 | 44.8 | 17.6 | 13.7 | 27.6 | 63.4 | 42.6 | 61.1 | 37.4 | 38.0 |
| SECTOR average | 9.5 | 9.4 | 8.8 | 12.8 | 21.3 | 16.0 | 12.3 | 15.0 | 13.1 | 11.2 |
| ratio of totals | 8.1 | 8.7 | 8.6 | 10.1 | 11.3 | 14.0 | 12.1 | 15.5 | 11.1 | |

I.I.D.7. NET JOB CREATION RATE OF CONTINUING ENTERPRISES IN AMADEUS SAMPLE BY SECTOR, 1999-2006

| SECTOR | 1999 | 2000 | 2001 | 2002 | 2003 | 2004 | 2005 | 2006 | time average | ratio of time averages |
|-------------------------------------------------------------------|-------|-------|-------|--------|-------|-------|-------|-------|--------------|------------------------|
| Agriculture, hunting and related service activities | -0.9 | -8.4 | -5.0 | -2.9 | -10.3 | -19.3 | -10.7 | -1.3 | -7.4 | -8.9 |
| Forestry, logging and related service activities | -4.1 | 1.2 | -5.4 | -9.2 | -0.3 | -3.1 | 0.1 | 2.0 | -2.3 | -2.9 |
| Fishing, fish farming and related service activities | -0.2 | 0.4 | -3.8 | -4.9 | -7.4 | -5.4 | -0.1 | 1.4 | -2.5 | -3.2 |
| Mining of coal and lignite; extraction of peat | -22.8 | -11.0 | -7.6 | -4.9 | 12.7 | 3.2 | -2.2 | -7.3 | -5.0 | -3.2 |
| Extraction of crude petroleum and natural gas | -0.1 | -1.1 | 0.8 | -1.3 | -3.4 | -3.1 | 4.8 | 3.1 | 0.0 | -0.6 |
| Mining of uranium and thorium ores | -23.3 | 7.7 | 0.6 | 0.8 | -5.6 | -0.8 | 1.6 | -3.2 | -2.8 | -0.7 |
| Mining of metal ores | 1.2 | 2.6 | -1.9 | 0.1 | -3.0 | -2.9 | 1.4 | 4.3 | 0.2 | -0.4 |
| Other mining and quarrying | 0.6 | 4.7 | -3.0 | -6.6 | -0.8 | 2.2 | 1.4 | -4.7 | -0.8 | -0.9 |
| Manufacture of food products and beverages | 3.4 | -0.1 | -0.2 | -1.5 | -0.1 | -1.4 | 0.7 | 0.7 | 0.2 | 0.0 |
| Manufacture of tobacco products | -1.7 | -9.5 | -4.9 | 5.1 | 2.5 | 1.5 | 2.6 | -0.6 | -0.6 | -0.6 |
| Manufacture of textiles | -2.2 | -3.3 | -4.1 | -5.2 | -4.5 | -3.8 | -5.2 | 2.6 | -3.2 | -3.6 |
| Manufacture of wearing apparel... | -0.6 | -1.7 | -1.6 | -3.1 | -2.3 | -2.9 | -2.9 | 1.7 | -1.7 | -1.9 |
| Tanning and dressing of leather | -0.9 | 1.5 | -2.5 | -2.9 | -1.8 | -5.8 | -2.8 | -0.6 | -2.0 | -2.2 |
| Manuf. of wood and of products of wood and cork, except furniture | 1.4 | 3.4 | 0.5 | -0.7 | 0.2 | 0.3 | 0.2 | 0.0 | 0.7 | 0.6 |
| Manuf. of pulp, paper and paper products | -0.4 | 0.4 | 0.3 | -0.7 | -2.0 | -0.4 | -1.2 | 1.6 | -0.3 | -0.4 |
| Publishing, printing and reproduction of recorded media | 5.9 | 12.1 | 6.1 | 4.7 | -0.5 | 0.8 | 1.7 | 1.2 | 4.0 | 4.0 |
| Manuf. of coke, refined petroleum products and nuclear fuel | -5.7 | 0.8 | 1.7 | -1.2 | -3.6 | -0.5 | -3.4 | 0.3 | -1.5 | -1.3 |
| Manuf. of chemicals and chemical products | -3.4 | 0.5 | 1.7 | -1.6 | -0.7 | -1.9 | -2.7 | 2.3 | -0.7 | -0.7 |
| Manuf. of rubber and plastic products | 6.4 | 5.8 | -0.2 | -0.1 | 0.2 | 3.1 | -0.6 | -3.2 | 1.4 | 1.4 |
| Manuf. of other non-metallic mineral products | 16.6 | -9.1 | -0.1 | -1.6 | -2.3 | 6.0 | 0.1 | -0.1 | 1.2 | 0.7 |
| Manuf. of basic metals | 1.1 | 2.7 | -0.6 | -1.7 | -1.3 | 5.3 | 2.8 | 7.6 | 2.0 | 1.5 |
| Manuf. of fabric. metal products, except machinery and equip. | 9.9 | -4.5 | 1.6 | 4.2 | -2.4 | 0.0 | 1.8 | 1.9 | 1.6 | 1.2 |
| Manuf. of machinery and equipment n.e.c. | 1.2 | -0.2 | -1.0 | -2.3 | -0.6 | -2.2 | -2.5 | 3.2 | -0.6 | -0.8 |
| Manuf. of office machinery and computers | 4.4 | 1.7 | 27.1 | -0.4 | -2.5 | -2.0 | 2.1 | 3.5 | 4.2 | 4.4 |
| Manuf. of electrical machinery and apparatus n.e.c. | 2.0 | -1.0 | -2.1 | -2.1 | -1.1 | -0.1 | 0.7 | 0.4 | -0.4 | -0.5 |
| Manuf. of radio, television and communication equipment | 22.7 | 1.1 | 4.8 | -6.1 | -7.1 | -1.4 | 1.3 | -6.1 | 1.2 | 0.8 |
| Manuf. of medical, precision and optical instruments | 4.0 | 3.1 | 2.0 | -4.0 | -0.5 | 1.1 | -0.3 | 2.5 | 1.0 | 0.7 |
| Manuf. of motor vehicles, trailers and semi-trailers | 3.0 | 1.7 | -2.0 | -1.4 | 0.5 | 0.4 | 0.2 | -3.3 | -0.1 | -0.1 |
| Manuf. of other transport equipment | -0.1 | 3.3 | 2.2 | -1.5 | -0.4 | 5.8 | -0.1 | 1.6 | 1.4 | 1.4 |
| Manuf. of furniture; manufacturing n.e.c. | -6.0 | 2.2 | -0.1 | -1.3 | -0.6 | 0.0 | -0.6 | -1.2 | -1.0 | -0.9 |
| Recycling | 1.9 | 6.2 | 3.7 | -0.5 | 1.3 | 8.3 | 3.2 | 6.0 | 3.8 | 3.9 |
| Electricity, gas, steam and hot water supply | 0.4 | 1.1 | 1.2 | 2.2 | -1.4 | -10.3 | -3.1 | -1.7 | -1.4 | -1.5 |
| Collection, purification and distribution of water | 10.7 | -3.3 | 2.5 | 0.8 | -35.4 | -5.5 | -2.8 | -2.9 | -4.5 | -4.5 |
| Construction | -1.5 | 2.0 | 1.3 | -0.1 | 2.1 | 3.0 | 2.2 | 4.4 | 1.7 | 1.8 |
| Sale, maintenance and repair of motor vehicles and motorcycles | 2.6 | 1.1 | 2.5 | 1.1 | 2.0 | 4.4 | 0.8 | 2.1 | 2.1 | 2.1 |
| Wholesale trade and commission trade, except of motor vehicles | -2.7 | 3.5 | 4.2 | -3.0 | 1.8 | 5.6 | 2.6 | 4.3 | 2.0 | 2.2 |
| Retail trade, except of motor vehicles and motorcycles | 2.1 | 3.1 | 3.8 | 1.4 | 3.8 | 4.4 | -0.4 | 3.5 | 2.7 | 2.7 |
| Hotels and restaurants | 15.8 | -7.6 | 3.9 | 1.4 | 0.6 | -3.0 | 1.8 | -0.1 | 1.6 | 1.1 |
| Land transport; transport via pipelines | 4.2 | 7.3 | 2.2 | -0.2 | 2.1 | -3.0 | 2.3 | 0.5 | 1.9 | 1.6 |
| Water transport | 5.8 | -10.0 | -1.9 | -3.7 | -3.3 | -3.9 | -2.4 | 10.5 | -1.1 | -1.9 |
| Air transport | 4.8 | 3.6 | 3.0 | 0.8 | -1.3 | -2.3 | 0.2 | 0.5 | 1.2 | 1.2 |
| Supporting and auxiliary transport activities | 3.6 | 10.1 | 5.0 | -0.9 | 2.7 | 3.0 | 1.2 | 1.5 | 3.3 | 3.1 |
| Post and telecommunications | 1.9 | 9.3 | 3.1 | 5.3 | -0.8 | 1.2 | 0.4 | -0.1 | 2.6 | 2.5 |
| Financial intermediation, except insurance and pension funding | 7.8 | -1.6 | 3.0 | 1.1 | 9.7 | 1.6 | 7.3 | 4.4 | 4.2 | 3.9 |
| Insurance and pension funding, except compulsory social security | 5.8 | 28.4 | -1.9 | 1.3 | -0.9 | 11.5 | 0.0 | 0.0 | 5.5 | 10.1 |
| Activities auxiliary to financial intermediation | 11.9 | 4.5 | 3.3 | 0.1 | 2.0 | 4.7 | 2.3 | 4.8 | 4.2 | 3.7 |
| Real estate activities | -14.8 | -2.0 | -0.1 | -5.6 | -3.0 | -1.9 | 4.4 | -4.4 | -3.4 | -2.8 |
| Renting of machinery and equipment without operator | 2.7 | 5.4 | 3.9 | -0.5 | 3.6 | 1.8 | 5.1 | 2.7 | 3.1 | 3.0 |
| Computer and related activities | 14.9 | 12.2 | 9.7 | 4.1 | 0.4 | 2.2 | 5.1 | 5.4 | 6.7 | 6.1 |
| Research and development | 10.0 | 2.4 | 3.6 | -4.0 | -3.6 | -2.5 | -0.2 | 4.6 | 1.3 | -0.1 |
| Other business activities | 7.2 | 7.2 | 3.7 | 1.0 | 2.3 | 3.4 | 3.9 | 4.6 | 4.2 | 3.9 |
| Public administration and defence; compulsory social security | 0.2 | 1.0 | 1.0 | -1.4 | -24.1 | 10.4 | -6.8 | 8.0 | -1.5 | -3.1 |
| Education | 5.1 | 1.8 | 3.1 | 2.8 | 1.1 | 2.6 | 3.9 | 3.9 | 3.0 | 2.9 |
| Health and social work | 7.8 | 0.4 | 0.5 | 2.1 | 2.0 | 6.6 | 1.3 | 5.2 | 3.2 | 3.2 |
| Sewage and refuse disposal, sanitation and similar activities | 0.0 | 4.5 | -15.9 | 16.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.6 | -2.9 |
| Sewage and refuse disposal, sanitation and similar activities | 2.8 | 4.9 | 3.0 | 3.3 | 9.2 | 2.7 | -1.3 | 0.7 | 3.2 | 3.2 |
| Activities of membership organizations n.e.c. | 8.7 | 1.0 | 4.7 | 3.6 | -0.7 | 3.9 | -1.4 | -9.6 | 1.3 | 0.7 |
| Recreational, cultural and sporting activities | 2.7 | 3.6 | -1.6 | 0.9 | -0.4 | 1.1 | 2.2 | 2.9 | 1.4 | 1.3 |
| Other service activities | 5.9 | 1.9 | 3.7 | 0.4 | 1.0 | 1.9 | 4.1 | 5.3 | 3.0 | 2.8 |
| Activities of households as employers of domestic staff | -2.2 | -10.1 | 7.7 | 12.0 | -2.3 | 5.2 | 20.6 | 5.8 | 4.6 | 2.8 |
| Undifferent. goods producing activities of private households | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| Undifferent. services producing activities of private households | 0.0 | 0.0 | 0.0 | -150.0 | -0.9 | 0.0 | 11.1 | -16.7 | -19.6 | -5.2 |
| Extra-territorial organizations and bodies | -9.1 | -0.4 | -2.7 | 1.1 | -0.1 | -8.0 | -6.5 | -8.3 | -4.3 | -4.2 |
| SECTOR average | 1.8 | 1.6 | 1.1 | -2.7 | -1.4 | 0.2 | 0.3 | 1.3 | 0.3 | 1.5 |
| ratio of totals | 3.7 | 2.5 | 2.0 | -0.2 | 0.3 | 1.1 | 1.2 | 2.6 | 1.7 | |

I.I.D.8. NET JOB CREATION RATE OF ENTERING AND EXITING ENTERPRISES IN AMADEUS SAMPLE BY SECTOR, 1999-2006

| SECTOR | 1999 | 2000 | 2001 | 2002 | 2003 | 2004 | 2005 | 2006 | time average | ratio of time averages |
|-------------------------------------------------------------------|-------|-------|------|-------|--------|-------|-------|-------|--------------|------------------------|
| Agriculture, hunting and related service activities | 0.9 | 0.6 | 0.6 | -0.2 | -2.2 | -3.8 | -2.6 | -7.0 | -1.7 | -1.7 |
| Forestry, logging and related service activities | 1.9 | 1.1 | -0.9 | -0.6 | -2.2 | -5.8 | -0.7 | -21.3 | -3.6 | -2.2 |
| Fishing, fish farming and related service activities | -1.5 | 1.3 | -1.6 | -0.6 | -3.4 | -8.3 | -2.9 | -15.5 | -4.1 | -3.2 |
| Mining of coal and lignite; extraction of peat | -0.3 | -0.4 | -1.0 | -3.7 | -12.4 | -11.4 | -6.2 | -9.8 | -5.7 | -5.2 |
| Extraction of crude petroleum and natural gas | 6.7 | 1.2 | -0.3 | -0.9 | -0.9 | -37.9 | -23.6 | -1.8 | -7.2 | -6.1 |
| Mining of uranium and thorium ores | 0.1 | 0.0 | 0.0 | -78.5 | -0.1 | -0.9 | 0.7 | -0.3 | -9.9 | -10.9 |
| Mining of metal ores | 0.0 | 0.3 | -0.2 | -1.1 | -0.2 | -23.2 | 13.9 | -0.5 | -1.4 | -1.9 |
| Other mining and quarrying | 63.3 | 0.0 | 0.1 | 1.1 | -1.7 | -1.2 | -1.9 | -6.2 | 6.7 | 4.1 |
| Manufacture of food products and beverages | 0.8 | 1.4 | -1.7 | -0.7 | -2.9 | -5.7 | -2.8 | -6.9 | -2.3 | -2.3 |
| Manufacture of tobacco products | 0.5 | -0.3 | -2.6 | -0.6 | 0.2 | -2.9 | -0.1 | -1.2 | -0.9 | -0.9 |
| Manufacture of textiles | -0.4 | -0.8 | -1.9 | -1.0 | -3.4 | -7.6 | -5.4 | -8.6 | -3.6 | -3.3 |
| Manufacture of wearing apparel... | 1.4 | -0.3 | -1.6 | -1.6 | -2.3 | -4.5 | -2.4 | -6.8 | -2.3 | -2.3 |
| Tanning and dressing of leather | -0.4 | -0.3 | -1.4 | -1.5 | -3.0 | -5.4 | -2.8 | -6.8 | -2.7 | -2.7 |
| Manuf. of wood and of products of wood and cork, except furniture | 1.7 | 1.1 | -0.3 | -1.5 | -2.0 | -4.9 | -4.1 | -5.4 | -1.9 | -2.1 |
| Manuf. of pulp, paper and paper products | -1.2 | -0.3 | -3.2 | -1.6 | -2.2 | -5.9 | -3.4 | -8.4 | -3.3 | -3.1 |
| Publishing, printing and reproduction of recorded media | 1.5 | 3.2 | -3.1 | -3.0 | -20.3 | -5.7 | -13.4 | -9.9 | -6.3 | -6.4 |
| Manuf. of coke, refined petroleum products and nuclear fuel | 1.2 | 0.7 | -2.4 | -1.3 | -1.0 | -0.4 | -1.6 | -7.8 | -1.6 | -1.3 |
| Manuf. of chemicals and chemical products | 0.4 | 2.7 | -1.1 | -1.5 | -1.6 | -5.4 | -3.8 | -5.6 | -2.0 | -1.8 |
| Manuf. of rubber and plastic products | 2.1 | 0.1 | -0.3 | -1.2 | -1.9 | -4.8 | -5.4 | -9.3 | -2.6 | -2.6 |
| Manuf. of other non-metallic mineral products | -0.3 | 0.5 | -0.5 | 0.0 | -1.7 | -5.9 | -2.8 | -13.8 | -3.1 | -2.6 |
| Manuf. of basic metals | 0.8 | 1.0 | -0.9 | -4.1 | -3.8 | -20.0 | -4.2 | -7.8 | -4.9 | -4.8 |
| Manuf. of fabric. metal products, except machinery and equip. | 0.3 | 0.1 | -1.2 | -1.8 | -3.3 | -8.8 | -2.8 | -7.4 | -3.1 | -3.1 |
| Manuf. of machinery and equipment n.e.c. | 0.5 | -0.3 | -0.5 | -0.8 | -2.9 | -5.8 | -3.1 | -10.2 | -2.9 | -2.7 |
| Manuf. of office machinery and computers | 1.0 | -0.1 | -0.3 | 0.3 | -29.1 | -4.4 | -1.5 | -6.0 | -5.0 | -5.5 |
| Manuf. of electrical machinery and apparatus n.e.c. | 2.1 | 0.6 | -1.0 | -2.4 | -1.9 | -3.7 | -4.4 | -9.4 | -2.5 | -2.4 |
| Manuf. of radio, television and communication equipment | 1.7 | 0.2 | -0.1 | -3.3 | -3.7 | -29.6 | -3.8 | -5.2 | -5.5 | -5.1 |
| Manuf. of medical, precision and optical instruments | 1.1 | 0.7 | -1.1 | -0.9 | -4.5 | -6.8 | -3.8 | -10.9 | -3.3 | -3.1 |
| Manuf. of motor vehicles, trailers and semi-trailers | 0.6 | 1.6 | 1.1 | -0.2 | -1.8 | -11.1 | -2.6 | -5.4 | -2.2 | -2.2 |
| Manuf. of other transport equipment | 0.3 | -1.4 | -1.2 | -2.2 | -18.5 | -1.9 | -2.1 | -15.9 | -5.4 | -5.1 |
| Manuf. of furniture; manufacturing n.e.c. | 1.4 | 0.7 | 0.2 | -1.4 | -2.2 | -4.1 | -3.7 | -8.5 | -2.2 | -2.1 |
| Recycling | 2.9 | 2.6 | 1.3 | 0.1 | -2.1 | -4.8 | -4.5 | -4.9 | -1.2 | -2.0 |
| Electricity, gas, steam and hot water supply | 6.9 | 1.0 | 0.2 | -0.5 | -1.2 | -10.5 | -2.7 | -5.2 | -1.5 | -1.9 |
| Collection, purification and distribution of water | 0.6 | 2.1 | 0.3 | 0.9 | 0.2 | -2.5 | -2.6 | -1.8 | -0.4 | 0.0 |
| Construction | 1.5 | 0.7 | 0.1 | -0.2 | -1.7 | -2.6 | -2.6 | -9.1 | -1.7 | -1.9 |
| Sale, maintenance and repair of motor vehicles and motorcycles | 0.8 | 1.0 | 0.0 | 0.3 | -1.8 | -1.8 | -3.2 | -7.4 | -1.5 | -1.7 |
| Wholesale trade and commission trade, except of motor vehicles | 1.3 | -0.3 | 0.9 | -0.5 | -4.7 | -2.6 | -4.2 | -8.3 | -2.3 | -2.5 |
| Retail trade, except of motor vehicles and motorcycles | 2.0 | 1.4 | 1.2 | -0.3 | -1.6 | -3.0 | -3.8 | -6.6 | -1.3 | -1.5 |
| Hotels and restaurants | 1.1 | 9.2 | 1.1 | 2.2 | 0.4 | -1.4 | -1.1 | -7.1 | 0.6 | 0.3 |
| Land transport; transport via pipelines | 2.5 | 0.2 | 2.3 | 0.3 | -1.2 | -4.8 | -2.0 | -17.9 | -2.6 | -2.1 |
| Water transport | 0.9 | 7.9 | 1.9 | -0.3 | -2.9 | -11.1 | -3.7 | -5.4 | -1.6 | -1.3 |
| Air transport | 2.3 | -0.9 | -0.4 | -0.1 | -0.6 | -7.2 | -1.3 | -6.2 | -1.8 | -1.6 |
| Supporting and auxiliary transport activities | 0.7 | 0.7 | 0.0 | -2.8 | -2.2 | -5.3 | -3.3 | -10.0 | -2.8 | -2.9 |
| Post and telecommunications | 6.7 | 0.7 | 13.3 | -2.8 | -6.7 | -2.5 | -1.3 | -14.4 | -0.9 | -0.9 |
| Financial intermediation, except insurance and pension funding | 4.4 | -0.6 | 3.2 | -7.1 | -3.1 | -14.0 | -9.2 | -15.9 | -5.3 | -3.8 |
| Insurance and pension funding, except compulsory social security | -2.1 | 0.2 | -0.8 | -0.7 | -134.5 | 0.0 | 0.0 | 0.0 | -17.3 | -3.0 |
| Activities auxiliary to financial intermediation | 4.7 | 3.6 | 0.1 | 1.8 | -4.5 | -7.9 | -4.6 | -7.2 | -1.7 | -2.2 |
| Real estate activities | 2.2 | 0.4 | -0.1 | 0.6 | -0.5 | -5.9 | -6.1 | -11.6 | -2.6 | -2.9 |
| Renting of machinery and equipment without operator | 1.8 | 1.1 | 6.8 | -0.9 | -2.7 | -2.6 | -5.3 | -9.3 | -1.4 | -1.6 |
| Computer and related activities | 2.2 | 3.5 | -0.5 | -1.2 | -2.3 | -7.6 | -4.7 | -8.7 | -2.4 | -2.8 |
| Research and development | 4.2 | 0.7 | 0.0 | -7.0 | -12.1 | -4.7 | -4.4 | -24.8 | -6.0 | -5.3 |
| Other business activities | 4.1 | 2.3 | 1.1 | -0.3 | -0.4 | -1.2 | -4.9 | -10.4 | -1.2 | -1.6 |
| Public administration and defence; compulsory social security | -9.9 | 3.8 | -8.7 | 4.3 | -5.8 | -1.3 | -6.1 | -16.9 | -5.1 | -4.6 |
| Education | 3.1 | 1.8 | 1.3 | 0.6 | -0.7 | -1.2 | -2.6 | -10.2 | -1.0 | -1.4 |
| Health and social work | 4.3 | 4.6 | 1.4 | 2.3 | 0.0 | -1.6 | -2.2 | -11.1 | -0.3 | -1.0 |
| Sewage and refuse disposal, sanitation and similar activities | 0.0 | 1.5 | 0.6 | -1.2 | 0.0 | 0.0 | 0.0 | 0.0 | 0.1 | 0.3 |
| Sewage and refuse disposal, sanitation and similar activities | 1.6 | 1.1 | 0.6 | -1.3 | -1.6 | -4.2 | -13.2 | -10.5 | -3.4 | -4.1 |
| Activities of membership organizations n.e.c. | 1.6 | 3.2 | 1.3 | 0.9 | -0.5 | -2.2 | -22.7 | -9.2 | -3.5 | -5.0 |
| Recreational, cultural and sporting activities | 3.7 | 8.7 | 1.5 | 0.4 | -1.2 | -2.9 | -3.3 | -8.4 | -0.2 | -0.5 |
| Other service activities | 2.4 | 1.3 | 0.6 | -0.8 | -15.6 | -6.1 | -2.3 | -10.4 | -3.9 | -4.2 |
| Activities of households as employers of domestic staff | 8.7 | 2.6 | 4.1 | 2.5 | -25.5 | -4.6 | -6.6 | -4.2 | -2.9 | -2.3 |
| Undifferent. goods producing activities of private households | 0.0 | 0.0 | 0.0 | 0.0 | -175.0 | 0.0 | 0.0 | 0.0 | -21.9 | -175.0 |
| Undifferent. services producing activities of private households | 0.0 | 0.0 | 0.0 | 0.0 | -164.9 | 83.3 | 0.0 | 4.2 | -9.7 | -135.2 |
| Extra-territorial organizations and bodies | -12.1 | -37.8 | 7.6 | 12.5 | -17.8 | -50.6 | -31.4 | -37.7 | -20.9 | -22.7 |
| SECTOR average | 1.0 | 1.4 | 0.2 | -1.8 | -12.3 | -5.6 | -4.2 | -8.5 | -3.7 | -2.2 |
| ratio of totals | 2.4 | 1.4 | 0.7 | -0.8 | -2.7 | -4.6 | -3.9 | -9.3 | -2.1 | |

II.D.9. NET JOB CREATION RATE OF TOTAL ENTERPRISES IN AMADEUS SAMPLE BY SECTOR, 1999-2006

| SECTOR | 1999 | 2000 | 2001 | 2002 | 2003 | 2004 | 2005 | 2006 | time average | ratio of time averages |
|-------------------------------------------------------------------|-------|-------|-------|--------|--------|-------|-------|-------|--------------|------------------------|
| Agriculture, hunting and related service activities | 0.0 | -7.8 | -4.4 | -3.1 | -12.4 | -23.2 | -13.3 | -8.4 | -9.1 | -10.6 |
| Forestry, logging and related service activities | -2.2 | 2.4 | -6.3 | -9.8 | -2.4 | -8.9 | -0.6 | -19.3 | -5.9 | -5.1 |
| Fishing, fish farming and related service activities | -1.7 | 1.7 | -5.4 | -5.5 | -10.7 | -13.7 | -3.0 | -14.1 | -6.6 | -6.4 |
| Mining of coal and lignite; extraction of peat | -23.1 | -11.5 | -8.6 | -8.6 | 0.3 | -8.2 | -8.5 | -17.1 | -10.7 | -8.5 |
| Extraction of crude petroleum and natural gas | 6.6 | 0.1 | 0.5 | -2.2 | -4.3 | -41.0 | -18.8 | 1.3 | -7.2 | -6.7 |
| Mining of uranium and thorium ores | -23.3 | 7.8 | 0.7 | -77.6 | -5.6 | -1.7 | 2.3 | -3.6 | -12.6 | -11.5 |
| Mining of metal ores | 1.2 | 2.9 | -2.1 | -1.0 | -3.2 | -26.1 | 15.3 | 3.8 | -1.1 | -2.3 |
| Other mining and quarrying | 64.0 | 4.7 | -2.9 | -5.6 | -2.5 | 1.0 | -0.5 | -10.9 | 5.9 | 3.3 |
| Manufacture of food products and beverages | 4.2 | 1.2 | -1.9 | -2.2 | -3.0 | -7.1 | -2.2 | -6.2 | -2.1 | -2.3 |
| Manufacture of tobacco products | -1.2 | -9.8 | -7.4 | 4.5 | 2.7 | -1.4 | 2.5 | -1.8 | -1.5 | -1.5 |
| Manufacture of textiles | -2.6 | -4.1 | -6.0 | -6.2 | -8.0 | -11.3 | -10.6 | -6.0 | -6.8 | -6.8 |
| Manufacture of wearing apparel... | 0.8 | -2.0 | -3.2 | -4.7 | -4.7 | -7.4 | -5.3 | -5.1 | -4.0 | -4.3 |
| Tanning and dressing of leather | -1.3 | 1.2 | -4.0 | -4.5 | -4.9 | -11.2 | -5.7 | -7.3 | -4.7 | -4.8 |
| Manuf. of wood and of products of wood and cork, except furniture | 3.1 | 4.5 | 0.3 | -2.2 | -1.8 | -4.6 | -4.0 | -5.3 | -1.3 | -1.5 |
| Manuf. of pulp, paper and paper products | -1.6 | 0.1 | -2.8 | -2.2 | -4.2 | -6.3 | -4.6 | -6.8 | -3.6 | -3.5 |
| Publishing, printing and reproduction of recorded media | 7.4 | 15.3 | 3.0 | 1.7 | -20.8 | -4.9 | -11.7 | -8.6 | -2.3 | -2.3 |
| Manuf. of coke, refined petroleum products and nuclear fuel | -4.6 | 1.4 | -0.7 | -2.6 | -4.6 | -1.0 | -4.9 | -7.5 | -3.0 | -2.7 |
| Manuf. of chemicals and chemical products | -3.0 | 3.2 | 0.6 | -3.1 | -2.3 | -7.3 | -6.6 | -3.3 | -2.7 | -2.6 |
| Manuf. of rubber and plastic products | 8.5 | 5.9 | -0.4 | -1.3 | -1.6 | -1.7 | -6.0 | -12.5 | -1.1 | -1.2 |
| Manuf. of other non-metallic mineral products | 16.4 | -8.6 | -0.6 | -1.6 | -4.0 | 0.2 | -2.6 | -13.9 | -1.9 | -2.0 |
| Manuf. of basic metals | 1.9 | 3.6 | -1.4 | -5.9 | -5.1 | -14.7 | -1.4 | -0.3 | -2.9 | -3.3 |
| Manuf. of fabric. metal products, except machinery and equip. | 10.2 | -4.4 | 0.4 | 2.3 | -5.7 | -8.8 | -0.9 | -5.5 | -1.5 | -1.8 |
| Manuf. of machinery and equipment n.e.c. | 1.7 | -0.5 | -1.6 | -3.2 | -3.5 | -8.0 | -5.6 | -6.9 | -3.4 | -3.5 |
| Manuf. of office machinery and computers | 5.4 | 1.7 | 26.8 | -0.1 | -31.6 | -6.4 | 0.6 | -2.5 | -0.8 | -1.0 |
| Manuf. of electrical machinery and apparatus n.e.c. | 4.0 | -0.4 | -3.1 | -4.6 | -2.9 | -3.8 | -3.7 | -9.0 | -2.9 | -3.0 |
| Manuf. of radio, television and communication equipment | 24.4 | 1.3 | 4.6 | -9.4 | -10.8 | -31.1 | -2.4 | -11.2 | -4.3 | -4.2 |
| Manuf. of medical, precision and optical instruments | 5.1 | 3.9 | 0.9 | -4.9 | -5.0 | -5.7 | -4.2 | -8.4 | -2.3 | -2.4 |
| Manuf. of motor vehicles, trailers and semi-trailers | 3.5 | 3.3 | -0.9 | -1.6 | -1.3 | -10.7 | -2.4 | -8.8 | -2.3 | -2.3 |
| Manuf. of other transport equipment | 0.3 | 1.9 | 0.9 | -3.7 | -18.9 | 3.9 | -2.2 | -14.3 | -4.0 | -3.7 |
| Manuf. of furniture; manufacturing n.e.c. | -4.6 | 2.9 | 0.1 | -2.7 | -2.8 | -4.1 | -4.3 | -9.7 | -3.1 | -3.0 |
| Recycling | 4.7 | 8.8 | 5.0 | -0.4 | -0.8 | 3.5 | -1.3 | 1.1 | 2.6 | 1.9 |
| Electricity, gas, steam and hot water supply | 7.3 | 2.1 | 1.5 | 1.8 | -2.6 | -20.9 | -5.8 | -6.9 | -2.9 | -3.3 |
| Collection, purification and distribution of water | 11.3 | -1.2 | 2.8 | 1.7 | -35.2 | -7.9 | -5.4 | -4.7 | -4.8 | -4.5 |
| Construction | -0.1 | 2.7 | 1.4 | -0.3 | 0.5 | 0.4 | -0.4 | -4.7 | -0.1 | -0.1 |
| Sale, maintenance and repair of motor vehicles and motorcycles | 3.3 | 2.1 | 2.5 | 1.4 | 0.2 | 2.6 | -2.3 | -5.3 | 0.6 | 0.4 |
| Wholesale trade and commission trade, except of motor vehicles | -1.3 | 3.2 | 5.1 | -3.5 | -3.0 | 3.0 | -1.5 | -4.0 | -0.3 | -0.3 |
| Retail trade, except of motor vehicles and motorcycles | 4.1 | 4.4 | 5.0 | 1.1 | 2.2 | 1.3 | -4.2 | -3.1 | 1.3 | 1.1 |
| Hotels and restaurants | 16.9 | 1.6 | 5.0 | 3.6 | 0.9 | -4.4 | 0.7 | -7.2 | 2.2 | 1.4 |
| Land transport; transport via pipelines | 6.6 | 7.6 | 4.6 | 0.1 | 0.9 | -7.8 | 0.3 | -17.4 | -0.6 | -0.4 |
| Water transport | 6.7 | -2.1 | 0.0 | -4.0 | -6.2 | -15.0 | -6.1 | 5.1 | -2.7 | -3.2 |
| Air transport | 7.1 | 2.8 | 2.6 | 0.7 | -1.9 | -9.5 | -1.1 | -5.7 | -0.6 | -0.4 |
| Supporting and auxiliary transport activities | 4.3 | 10.8 | 5.0 | -3.7 | 0.5 | -2.3 | -2.0 | -8.5 | 0.5 | 0.2 |
| Post and telecommunications | 8.7 | 10.0 | 16.4 | 2.5 | -7.5 | -1.2 | -0.8 | -14.5 | 1.7 | 1.7 |
| Financial intermediation, except insurance and pension funding | 12.3 | -2.2 | 6.1 | -5.9 | 6.6 | -12.4 | -1.9 | -11.5 | -1.1 | 0.0 |
| Insurance and pension funding, except compulsory social security | 3.7 | 28.6 | -2.7 | 0.5 | -135.4 | 11.5 | 0.0 | 0.0 | -11.7 | 7.1 |
| Activities auxiliary to financial intermediation | 16.5 | 8.1 | 3.4 | 2.0 | -2.4 | -3.3 | -2.2 | -2.4 | 2.5 | 1.5 |
| Real estate activities | -12.6 | -1.6 | -0.2 | -5.0 | -3.5 | -7.9 | -1.7 | -16.0 | -6.1 | -5.6 |
| Renting of machinery and equipment without operator | 4.5 | 6.6 | 10.8 | -1.4 | 0.9 | -0.8 | -0.2 | -6.6 | 1.7 | 1.4 |
| Computer and related activities | 17.1 | 15.7 | 9.2 | 2.8 | -1.9 | -5.4 | 0.4 | -3.3 | 4.3 | 3.2 |
| Research and development | 14.2 | 3.1 | 3.6 | -11.0 | -15.7 | -7.2 | -4.6 | -20.2 | -4.7 | -5.4 |
| Other business activities | 11.3 | 9.5 | 4.7 | 0.7 | 1.9 | 2.2 | -1.1 | -5.8 | 2.9 | 2.3 |
| Public administration and defence; compulsory social security | -9.7 | 4.8 | -7.7 | 3.0 | -29.9 | 9.1 | -12.9 | -8.9 | -6.5 | -7.7 |
| Education | 8.1 | 3.6 | 4.4 | 3.4 | 0.4 | 1.4 | 1.3 | -6.3 | 2.0 | 1.5 |
| Health and social work | 12.1 | 5.0 | 1.9 | 4.3 | 2.1 | 5.0 | -1.0 | -5.9 | 2.9 | 2.2 |
| Sewage and refuse disposal, sanitation and similar activities | 0.0 | 6.0 | -15.3 | 14.8 | 0.0 | 0.0 | 0.0 | 0.0 | 0.7 | -2.6 |
| Sewage and refuse disposal, sanitation and similar activities | 4.4 | 5.9 | 3.7 | 2.1 | 7.6 | -1.5 | -14.4 | -9.8 | -0.3 | -0.9 |
| Activities of membership organizations n.e.c. | 10.4 | 4.2 | 6.0 | 4.4 | -1.2 | 1.6 | -24.1 | -18.8 | -2.2 | -4.3 |
| Recreational, cultural and sporting activities | 6.4 | 12.2 | -0.1 | 1.3 | -1.6 | -1.8 | -1.1 | -5.4 | 1.2 | 0.8 |
| Other service activities | 8.4 | 3.2 | 4.3 | -0.4 | -14.6 | -4.2 | 1.7 | -5.1 | -0.8 | -1.3 |
| Activities of households as employers of domestic staff | 6.6 | -7.6 | 11.8 | 14.5 | -27.8 | 0.6 | 14.0 | 1.5 | 1.7 | 0.5 |
| Undifferent. goods producing activities of private households | 0.0 | 0.0 | 0.0 | 0.0 | -175.0 | 0.0 | 0.0 | 0.0 | -21.9 | -175.0 |
| Undifferent. services producing activities of private households | 0.0 | 0.0 | 0.0 | -150.0 | -165.8 | 83.3 | 11.1 | -12.5 | -29.2 | -140.4 |
| Extra-territorial organizations and bodies | -21.3 | -38.3 | 4.8 | 13.5 | -17.9 | -58.5 | -38.0 | -46.0 | -25.2 | -26.9 |
| SECTOR average | 2.9 | 3.1 | 1.3 | -4.5 | -13.7 | -5.4 | -3.9 | -7.3 | -3.4 | -0.7 |
| ratio of totals | 6.1 | 3.9 | 2.6 | -1.0 | -2.4 | -3.5 | -2.6 | -6.7 | -0.5 | |

II.D.10. GROSS JOB REALLOCATION RATE OF CONTINUING ENTERPRISES IN AMADEUS SAMPLE BY SECTOR, 1999-2006

| SECTOR | 1999 | 2000 | 2001 | 2002 | 2003 | 2004 | 2005 | 2006 | time average | ratio of time averages |
|-------------------------------------------------------------------|------|------|------|-------|------|------|------|------|--------------|------------------------|
| Agriculture, hunting and related service activities | 13.3 | 16.3 | 14.2 | 17.3 | 19.4 | 31.6 | 22.9 | 14.9 | 18.8 | 20.3 |
| Forestry, logging and related service activities | 14.6 | 16.4 | 19.3 | 15.9 | 12.7 | 13.9 | 15.1 | 13.5 | 15.2 | 15.4 |
| Fishing, fish farming and related service activities | 14.6 | 12.7 | 17.3 | 19.6 | 16.3 | 22.0 | 15.7 | 14.5 | 16.6 | 17.0 |
| Mining of coal and lignite; extraction of peat | 30.3 | 17.3 | 14.5 | 8.5 | 22.1 | 17.8 | 8.2 | 12.8 | 16.4 | 15.4 |
| Extraction of crude petroleum and natural gas | 9.9 | 13.4 | 9.9 | 13.6 | 11.4 | 10.8 | 13.1 | 9.2 | 11.4 | 11.6 |
| Mining of uranium and thorium ores | 23.3 | 8.2 | 4.7 | 2.1 | 5.9 | 1.1 | 4.3 | 4.4 | 6.8 | 5.2 |
| Mining of metal ores | 18.5 | 4.9 | 4.6 | 12.6 | 4.5 | 7.7 | 5.3 | 6.8 | 8.1 | 7.1 |
| Other mining and quarrying | 10.9 | 11.0 | 17.9 | 12.3 | 12.5 | 10.1 | 12.1 | 17.0 | 13.0 | 13.0 |
| Manufacture of food products and beverages | 12.2 | 12.9 | 13.0 | 13.8 | 12.1 | 14.7 | 12.3 | 11.3 | 12.8 | 12.9 |
| Manufacture of tobacco products | 21.9 | 15.7 | 11.3 | 12.1 | 7.7 | 8.0 | 8.6 | 4.1 | 11.2 | 11.2 |
| Manufacture of textiles | 14.6 | 16.2 | 16.9 | 14.4 | 13.7 | 15.7 | 15.6 | 15.6 | 15.3 | 15.3 |
| Manufacture of wearing apparel... | 15.0 | 14.4 | 14.3 | 13.7 | 16.3 | 16.7 | 18.2 | 16.8 | 15.7 | 15.8 |
| Tanning and dressing of leather | 15.9 | 17.2 | 16.6 | 14.7 | 15.6 | 18.8 | 18.2 | 12.7 | 16.2 | 16.5 |
| Manuf. of wood and of products of wood and cork, except furniture | 12.5 | 12.8 | 13.2 | 13.0 | 12.3 | 15.3 | 13.0 | 11.2 | 12.9 | 13.0 |
| Manuf. of pulp, paper and paper products | 9.1 | 9.8 | 12.0 | 8.8 | 8.5 | 9.1 | 8.6 | 10.3 | 9.5 | 9.5 |
| Publishing, printing and reproduction of recorded media | 16.4 | 27.2 | 14.3 | 13.6 | 11.6 | 14.2 | 11.9 | 10.9 | 15.0 | 15.0 |
| Manuf. of coke, refined petroleum products and nuclear fuel | 10.4 | 9.5 | 8.4 | 11.8 | 8.0 | 8.0 | 11.0 | 4.0 | 8.9 | 9.2 |
| Manuf. of chemicals and chemical products | 12.7 | 11.3 | 11.7 | 10.5 | 9.4 | 12.0 | 11.5 | 13.2 | 11.5 | 11.4 |
| Manuf. of rubber and plastic products | 15.5 | 18.1 | 17.4 | 11.9 | 11.2 | 13.0 | 16.0 | 12.7 | 14.5 | 14.4 |
| Manuf. of other non-metallic mineral products | 27.4 | 21.8 | 11.5 | 10.9 | 13.0 | 20.3 | 12.5 | 11.1 | 16.1 | 15.7 |
| Manuf. of basic metals | 12.9 | 10.8 | 9.5 | 10.1 | 8.7 | 15.2 | 11.4 | 15.0 | 11.7 | 11.3 |
| Manuf. of fabric. metal products, except machinery and equip. | 20.5 | 20.6 | 13.1 | 16.2 | 13.3 | 12.7 | 11.9 | 12.4 | 15.1 | 15.0 |
| Manuf. of machinery and equipment n.e.c. | 12.8 | 13.2 | 13.7 | 12.3 | 12.4 | 13.5 | 13.8 | 11.7 | 12.9 | 13.0 |
| Manuf. of office machinery and computers | 14.1 | 14.6 | 46.4 | 18.6 | 12.2 | 14.7 | 12.1 | 13.4 | 18.3 | 19.2 |
| Manuf. of electrical machinery and apparatus n.e.c. | 13.5 | 16.0 | 14.3 | 13.8 | 11.8 | 14.4 | 13.5 | 13.6 | 13.8 | 13.8 |
| Manuf. of radio, television and communication equipment | 29.0 | 9.0 | 13.2 | 12.7 | 17.7 | 8.9 | 10.9 | 15.2 | 14.6 | 14.3 |
| Manuf. of medical, precision and optical instruments | 10.7 | 14.2 | 14.5 | 13.3 | 12.0 | 12.5 | 11.7 | 9.4 | 12.3 | 12.5 |
| Manuf. of motor vehicles, trailers and semi-trailers | 14.9 | 10.1 | 14.1 | 7.2 | 6.6 | 8.6 | 7.5 | 8.8 | 9.7 | 9.6 |
| Manuf. of other transport equipment | 9.9 | 12.5 | 11.7 | 10.1 | 9.1 | 19.0 | 9.4 | 9.1 | 11.4 | 11.5 |
| Manuf. of furniture; manufacturing n.e.c. | 16.1 | 12.6 | 12.7 | 12.3 | 12.5 | 12.8 | 13.4 | 12.8 | 13.1 | 13.1 |
| Recycling | 12.8 | 16.1 | 13.4 | 16.7 | 15.1 | 20.3 | 15.3 | 10.4 | 15.0 | 15.3 |
| Electricity, gas, steam and hot water supply | 11.5 | 11.7 | 10.1 | 15.2 | 14.1 | 19.5 | 13.3 | 9.3 | 13.1 | 13.5 |
| Collection, purification and distribution of water | 12.9 | 13.2 | 10.1 | 9.6 | 40.2 | 13.5 | 8.4 | 8.9 | 14.6 | 15.2 |
| Construction | 20.1 | 17.5 | 16.6 | 17.0 | 16.3 | 17.5 | 15.8 | 15.1 | 17.0 | 16.8 |
| Sale, maintenance and repair of motor vehicles and motorcycles | 13.5 | 13.8 | 13.0 | 13.8 | 14.2 | 17.3 | 14.2 | 11.2 | 13.9 | 14.0 |
| Wholesale trade and commission trade, except of motor vehicles | 19.9 | 17.2 | 15.4 | 18.5 | 17.3 | 20.5 | 16.5 | 15.6 | 17.6 | 17.7 |
| Retail trade, except of motor vehicles and motorcycles | 18.4 | 15.7 | 15.0 | 12.6 | 14.9 | 17.6 | 16.5 | 11.3 | 15.3 | 15.2 |
| Hotels and restaurants | 25.3 | 26.0 | 17.7 | 16.4 | 14.2 | 18.9 | 13.3 | 15.6 | 18.4 | 17.8 |
| Land transport; transport via pipelines | 11.8 | 16.8 | 13.4 | 11.3 | 10.4 | 14.0 | 11.5 | 10.5 | 12.5 | 12.4 |
| Water transport | 17.6 | 22.5 | 14.1 | 13.8 | 13.4 | 22.7 | 16.3 | 22.2 | 17.8 | 17.5 |
| Air transport | 9.6 | 10.1 | 8.5 | 9.1 | 7.4 | 9.7 | 8.6 | 8.9 | 9.0 | 8.9 |
| Supporting and auxiliary transport activities | 15.0 | 21.8 | 18.2 | 14.1 | 14.4 | 17.3 | 16.8 | 13.4 | 16.4 | 16.3 |
| Post and telecommunications | 14.5 | 13.9 | 18.8 | 15.1 | 7.9 | 11.6 | 7.5 | 7.2 | 12.1 | 12.1 |
| Financial intermediation, except insurance and pension funding | 22.1 | 27.7 | 18.9 | 15.1 | 22.5 | 14.8 | 25.1 | 14.8 | 20.1 | 20.3 |
| Insurance and pension funding, except compulsory social security | 16.2 | 32.5 | 12.1 | 1.4 | 1.2 | 11.5 | 0.0 | 0.0 | 9.4 | 17.2 |
| Activities auxiliary to financial intermediation | 25.3 | 22.6 | 16.6 | 19.6 | 16.4 | 16.0 | 15.4 | 14.0 | 18.2 | 17.8 |
| Real estate activities | 35.6 | 23.0 | 21.0 | 21.3 | 21.6 | 23.7 | 22.7 | 27.7 | 24.6 | 23.9 |
| Renting of machinery and equipment without operator | 16.2 | 19.3 | 16.3 | 16.3 | 15.7 | 17.4 | 15.4 | 13.8 | 16.3 | 16.2 |
| Computer and related activities | 22.1 | 23.6 | 21.5 | 20.4 | 18.3 | 17.1 | 17.3 | 14.4 | 19.3 | 19.1 |
| Research and development | 18.9 | 13.5 | 12.5 | 13.9 | 12.1 | 17.1 | 14.0 | 12.7 | 14.3 | 13.9 |
| Other business activities | 21.6 | 22.7 | 18.8 | 17.3 | 16.8 | 17.0 | 16.8 | 15.0 | 18.3 | 18.0 |
| Public administration and defence; compulsory social security | 13.1 | 11.7 | 9.4 | 9.9 | 62.4 | 48.0 | 45.2 | 18.5 | 27.3 | 33.6 |
| Education | 14.3 | 14.4 | 15.7 | 14.2 | 12.6 | 14.9 | 14.5 | 14.1 | 14.3 | 14.3 |
| Health and social work | 14.3 | 15.5 | 15.7 | 12.4 | 12.1 | 15.4 | 15.2 | 12.4 | 14.1 | 14.0 |
| Sewage and refuse disposal, sanitation and similar activities | 0.0 | 91.0 | 37.6 | 16.0 | 0.0 | 0.0 | 0.0 | 0.0 | 18.1 | 43.3 |
| Sewage and refuse disposal, sanitation and similar activities | 13.2 | 14.8 | 18.6 | 12.8 | 23.7 | 18.7 | 14.2 | 15.9 | 16.5 | 16.9 |
| Activities of membership organizations n.e.c. | 17.4 | 12.8 | 14.7 | 10.6 | 10.7 | 15.7 | 14.5 | 27.5 | 15.5 | 15.0 |
| Recreational, cultural and sporting activities | 15.0 | 16.1 | 22.1 | 18.5 | 16.7 | 18.5 | 15.9 | 16.2 | 17.4 | 17.5 |
| Other service activities | 18.1 | 20.0 | 14.7 | 16.5 | 15.2 | 15.5 | 16.6 | 15.4 | 16.5 | 16.3 |
| Activities of households as employers of domestic staff | 12.5 | 29.0 | 13.2 | 16.8 | 14.5 | 14.3 | 27.1 | 10.6 | 17.2 | 17.3 |
| Undifferent. goods producing activities of private households | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| Undifferent. services producing activities of private households | 0.0 | 0.0 | 0.0 | 150.0 | 0.9 | 0.0 | 11.1 | 16.7 | 22.3 | 5.9 |
| Extra-territorial organizations and bodies | 17.7 | 9.5 | 13.6 | 16.4 | 17.6 | 15.5 | 14.5 | 14.4 | 14.9 | 15.3 |
| SECTOR average | 15.7 | 17.0 | 14.7 | 15.5 | 13.8 | 15.0 | 13.9 | 12.7 | 14.8 | 15.5 |
| ratio of totals | 18.0 | 17.2 | 15.4 | 14.7 | 14.5 | 16.6 | 14.8 | 13.6 | 15.6 | |

I.LD.11. GROSS JOB REALLOCATION RATE OF ENTERING AND EXITING ENTERPRISES IN AMADEUS SAMPLE BY SECTOR, 1999-2006

| SECTOR | 1999 | 2000 | 2001 | 2002 | 2003 | 2004 | 2005 | 2006 | time average | ratio of time averages |
|-------------------------------------------------------------------|------|------|------|------|-------|-------|------|------|--------------|------------------------|
| Agriculture, hunting and related service activities | 2.5 | 5.8 | 2.3 | 2.8 | 3.2 | 9.7 | 3.6 | 7.9 | 4.7 | 4.7 |
| Forestry, logging and related service activities | 2.5 | 2.3 | 1.8 | 1.7 | 3.2 | 7.9 | 1.4 | 22.3 | 5.4 | 3.8 |
| Fishing, fish farming and related service activities | 6.4 | 2.2 | 3.8 | 3.1 | 6.0 | 10.1 | 4.3 | 15.8 | 6.5 | 5.6 |
| Mining of coal and lignite; extraction of peat | 0.6 | 0.5 | 1.0 | 4.2 | 40.2 | 23.0 | 11.6 | 10.0 | 11.4 | 11.9 |
| Extraction of crude petroleum and natural gas | 7.2 | 1.7 | 0.6 | 2.2 | 1.3 | 38.9 | 24.3 | 2.0 | 9.8 | 7.9 |
| Mining of uranium and thorium ores | 0.1 | 0.0 | 0.0 | 79.4 | 0.1 | 1.0 | 0.7 | 0.3 | 10.2 | 11.2 |
| Mining of metal ores | 0.6 | 0.3 | 0.4 | 2.1 | 0.3 | 23.3 | 37.3 | 0.5 | 8.1 | 7.2 |
| Other mining and quarrying | 64.6 | 0.8 | 0.8 | 3.6 | 2.2 | 2.1 | 2.5 | 6.3 | 10.4 | 7.6 |
| Manufacture of food products and beverages | 3.3 | 3.9 | 3.4 | 4.3 | 4.5 | 7.1 | 4.3 | 7.6 | 4.8 | 4.7 |
| Manufacture of tobacco products | 0.5 | 2.2 | 2.8 | 0.7 | 0.3 | 3.4 | 1.7 | 1.2 | 1.6 | 1.6 |
| Manufacture of textiles | 3.1 | 2.4 | 5.3 | 4.8 | 5.2 | 9.4 | 6.6 | 9.3 | 5.8 | 5.5 |
| Manufacture of wearing apparel... | 4.3 | 1.9 | 3.4 | 3.9 | 4.5 | 6.8 | 5.8 | 7.4 | 4.7 | 4.7 |
| Tanning and dressing of leather | 3.9 | 2.7 | 5.1 | 4.5 | 4.9 | 8.5 | 4.7 | 7.2 | 5.2 | 5.2 |
| Manuf. of wood and of products of wood and cork, except furniture | 2.8 | 2.6 | 3.0 | 4.2 | 4.2 | 8.9 | 6.0 | 6.4 | 4.8 | 4.9 |
| Manuf. of pulp, paper and paper products | 3.6 | 2.6 | 4.3 | 3.9 | 3.7 | 7.6 | 4.3 | 9.1 | 4.9 | 4.7 |
| Publishing, printing and reproduction of recorded media | 3.1 | 5.7 | 4.7 | 10.6 | 21.9 | 7.1 | 15.0 | 11.0 | 9.9 | 10.1 |
| Manuf. of coke, refined petroleum products and nuclear fuel | 1.4 | 1.0 | 2.5 | 1.4 | 1.9 | 3.3 | 1.9 | 7.8 | 2.7 | 2.4 |
| Manuf. of chemicals and chemical products | 1.4 | 4.5 | 2.5 | 2.7 | 3.1 | 7.0 | 4.7 | 6.1 | 4.0 | 3.9 |
| Manuf. of rubber and plastic products | 4.0 | 1.9 | 2.5 | 3.5 | 3.2 | 6.9 | 6.6 | 9.9 | 4.8 | 4.7 |
| Manuf. of other non-metallic mineral products | 2.2 | 2.6 | 2.0 | 4.6 | 2.9 | 7.3 | 3.6 | 14.3 | 5.0 | 4.6 |
| Manuf. of basic metals | 3.3 | 5.4 | 2.5 | 6.7 | 5.6 | 21.1 | 5.1 | 8.1 | 7.2 | 7.2 |
| Manuf. of fabric. metal products, except machinery and equip. | 4.3 | 3.0 | 4.6 | 4.9 | 5.2 | 11.4 | 4.7 | 8.4 | 5.8 | 5.7 |
| Manuf. of machinery and equipment n.e.c. | 2.4 | 4.3 | 3.4 | 3.2 | 5.3 | 7.3 | 5.7 | 10.7 | 5.3 | 5.2 |
| Manuf. of office machinery and computers | 3.8 | 3.7 | 1.6 | 2.4 | 30.2 | 6.0 | 3.5 | 7.3 | 7.3 | 7.7 |
| Manuf. of electrical machinery and apparatus n.e.c. | 4.1 | 2.9 | 2.6 | 3.8 | 4.0 | 5.5 | 5.3 | 9.8 | 4.7 | 4.6 |
| Manuf. of radio, television and communication equipment | 2.7 | 1.3 | 1.8 | 4.9 | 4.5 | 30.4 | 4.4 | 5.5 | 6.9 | 6.5 |
| Manuf. of medical, precision and optical instruments | 1.9 | 1.8 | 3.4 | 4.6 | 6.0 | 8.0 | 4.9 | 11.5 | 5.2 | 5.1 |
| Manuf. of motor vehicles, trailers and semi-trailers | 1.4 | 2.4 | 2.0 | 1.4 | 3.3 | 11.8 | 3.5 | 5.7 | 3.9 | 3.9 |
| Manuf. of other transport equipment | 1.9 | 2.9 | 3.1 | 3.4 | 20.1 | 3.7 | 2.6 | 16.4 | 6.8 | 6.5 |
| Manuf. of furniture; manufacturing n.e.c. | 3.5 | 3.7 | 3.7 | 4.2 | 4.7 | 6.5 | 5.6 | 9.0 | 5.1 | 5.0 |
| Recycling | 3.6 | 4.7 | 5.2 | 3.4 | 4.0 | 8.3 | 6.7 | 5.7 | 5.2 | 5.5 |
| Electricity, gas, steam and hot water supply | 10.0 | 2.9 | 2.1 | 5.1 | 2.8 | 12.8 | 3.6 | 5.7 | 5.6 | 5.2 |
| Collection, purification and distribution of water | 0.7 | 2.1 | 0.8 | 1.9 | 1.7 | 3.9 | 4.0 | 6.7 | 2.7 | 2.2 |
| Construction | 3.4 | 4.1 | 4.9 | 4.9 | 5.0 | 5.9 | 5.7 | 11.3 | 5.6 | 5.7 |
| Sale, maintenance and repair of motor vehicles and motorcycles | 3.2 | 4.5 | 4.1 | 4.4 | 4.7 | 4.8 | 5.4 | 8.7 | 5.0 | 5.0 |
| Wholesale trade and commission trade, except of motor vehicles | 4.6 | 4.1 | 4.4 | 3.6 | 6.9 | 5.1 | 6.1 | 11.2 | 5.7 | 5.7 |
| Retail trade, except of motor vehicles and motorcycles | 4.1 | 3.9 | 3.5 | 4.1 | 4.6 | 6.0 | 6.7 | 8.4 | 5.1 | 5.2 |
| Hotels and restaurants | 4.1 | 12.2 | 5.2 | 5.8 | 4.5 | 5.7 | 7.6 | 10.3 | 6.9 | 6.9 |
| Land transport; transport via pipelines | 3.5 | 2.8 | 5.3 | 2.0 | 2.3 | 6.6 | 3.9 | 19.2 | 5.7 | 5.1 |
| Water transport | 2.1 | 8.7 | 2.9 | 1.5 | 3.8 | 12.1 | 5.3 | 6.5 | 5.4 | 5.3 |
| Air transport | 3.7 | 1.5 | 7.0 | 1.1 | 1.4 | 8.7 | 2.5 | 6.7 | 4.1 | 3.9 |
| Supporting and auxiliary transport activities | 3.1 | 3.5 | 3.6 | 6.2 | 4.4 | 8.5 | 5.5 | 11.1 | 5.7 | 5.8 |
| Post and telecommunications | 7.6 | 1.4 | 15.2 | 5.3 | 7.4 | 6.3 | 2.3 | 15.4 | 7.6 | 7.3 |
| Financial intermediation, except insurance and pension funding | 6.2 | 4.5 | 6.2 | 10.6 | 8.2 | 21.9 | 13.6 | 16.7 | 11.0 | 10.0 |
| Insurance and pension funding, except compulsory social security | 2.7 | 0.2 | 4.1 | 0.7 | 134.5 | 0.0 | 0.0 | 0.0 | 17.8 | 4.0 |
| Activities auxiliary to financial intermediation | 6.4 | 6.5 | 6.1 | 9.4 | 8.7 | 11.3 | 11.5 | 14.6 | 9.3 | 9.5 |
| Real estate activities | 3.3 | 5.0 | 6.4 | 6.1 | 5.2 | 8.8 | 9.1 | 12.8 | 7.1 | 7.3 |
| Renting of machinery and equipment without operator | 3.2 | 3.6 | 10.3 | 3.4 | 5.0 | 5.8 | 7.1 | 10.0 | 6.1 | 6.1 |
| Computer and related activities | 5.3 | 6.8 | 7.4 | 6.2 | 5.0 | 10.5 | 8.7 | 10.0 | 7.5 | 7.6 |
| Research and development | 5.5 | 1.6 | 1.4 | 11.3 | 13.5 | 6.7 | 5.4 | 25.7 | 8.9 | 7.7 |
| Other business activities | 5.4 | 4.8 | 5.5 | 4.9 | 6.4 | 7.0 | 10.2 | 12.3 | 7.0 | 7.2 |
| Public administration and defence; compulsory social security | 18.7 | 6.5 | 11.0 | 10.5 | 7.9 | 9.3 | 7.8 | 17.7 | 11.2 | 10.1 |
| Education | 4.2 | 4.3 | 5.0 | 4.5 | 4.2 | 5.0 | 5.1 | 12.5 | 5.6 | 5.6 |
| Health and social work | 6.0 | 6.0 | 3.6 | 5.0 | 3.9 | 6.8 | 6.4 | 12.9 | 6.3 | 6.5 |
| Sewage and refuse disposal, sanitation and similar activities | 0.0 | 1.5 | 0.6 | 1.2 | 0.0 | 0.0 | 0.0 | 0.0 | 0.4 | 1.0 |
| Sewage and refuse disposal, sanitation and similar activities | 3.6 | 3.3 | 4.0 | 3.9 | 3.4 | 6.8 | 14.6 | 11.2 | 6.3 | 6.7 |
| Activities of membership organizations n.e.c. | 3.2 | 7.2 | 4.3 | 4.3 | 3.9 | 9.5 | 23.9 | 10.2 | 8.3 | 9.4 |
| Recreational, cultural and sporting activities | 5.2 | 11.0 | 4.4 | 6.8 | 7.3 | 8.2 | 5.9 | 9.6 | 7.3 | 7.3 |
| Other service activities | 6.3 | 7.0 | 6.5 | 5.6 | 20.8 | 10.9 | 7.1 | 12.4 | 9.6 | 9.7 |
| Activities of households as employers of domestic staff | 10.1 | 2.6 | 5.9 | 3.2 | 46.2 | 30.2 | 12.8 | 9.7 | 15.1 | 14.8 |
| Undifferent. goods producing activities of private households | 0.0 | 0.0 | 0.0 | 0.0 | 175.0 | 0.0 | 0.0 | 0.0 | 21.9 | 175.0 |
| Undifferent. services producing activities of private households | 0.0 | 0.0 | 0.0 | 0.0 | 183.6 | 116.7 | 0.0 | 4.2 | 38.0 | 155.9 |
| Extra-territorial organizations and bodies | 17.8 | 42.0 | 26.5 | 24.6 | 19.7 | 52.8 | 32.9 | 61.9 | 34.8 | 33.7 |
| SECTOR average | 6.1 | 4.8 | 4.1 | 5.6 | 15.3 | 11.7 | 6.9 | 10.1 | 8.1 | 6.1 |
| ratio of totals | 4.3 | 4.1 | 4.4 | 4.5 | 5.8 | 8.0 | 6.8 | 10.8 | 6.1 | |

II.D.12. GROSS JOB REALLOCATION RATE OF TOTAL ENTERPRISES IN AMADEUS SAMPLE BY SECTOR, 1999-2006

| SECTOR | 1999 | 2000 | 2001 | 2002 | 2003 | 2004 | 2005 | 2006 | time average | ratio of time averages |
|-------------------------------------------------------------------|------|------|------|-------|-------|-------|------|------|--------------|------------------------|
| Agriculture, hunting and related service activities | 15.9 | 22.1 | 16.5 | 20.1 | 22.5 | 41.3 | 26.6 | 22.8 | 23.5 | 24.9 |
| Forestry, logging and related service activities | 17.0 | 18.7 | 21.1 | 17.6 | 15.9 | 21.8 | 16.5 | 35.8 | 20.6 | 19.1 |
| Fishing, fish farming and related service activities | 21.0 | 14.9 | 21.1 | 22.7 | 22.2 | 32.1 | 20.0 | 30.3 | 23.0 | 22.6 |
| Mining of coal and lignite; extraction of peat | 30.9 | 17.9 | 15.6 | 12.6 | 62.2 | 40.8 | 19.8 | 22.8 | 27.8 | 27.3 |
| Extraction of crude petroleum and natural gas | 17.2 | 10.9 | 10.4 | 15.8 | 12.7 | 49.8 | 37.4 | 11.2 | 21.2 | 19.5 |
| Mining of uranium and thorium ores | 23.4 | 8.2 | 4.8 | 81.5 | 6.0 | 2.0 | 5.0 | 4.7 | 17.0 | 16.4 |
| Mining of metal ores | 19.1 | 5.2 | 5.0 | 14.7 | 4.8 | 31.0 | 42.5 | 7.3 | 16.2 | 14.4 |
| Other mining and quarrying | 75.5 | 11.9 | 18.8 | 15.9 | 14.7 | 12.2 | 14.5 | 23.3 | 23.3 | 20.6 |
| Manufacture of food products and beverages | 15.5 | 16.8 | 16.4 | 18.1 | 16.6 | 21.9 | 16.7 | 19.0 | 17.6 | 17.6 |
| Manufacture of tobacco products | 22.4 | 17.9 | 14.1 | 12.8 | 8.0 | 11.4 | 10.3 | 5.3 | 12.8 | 12.9 |
| Manufacture of textiles | 17.8 | 18.6 | 22.2 | 19.2 | 19.0 | 25.1 | 22.2 | 24.8 | 21.1 | 20.8 |
| Manufacture of wearing apparel... | 19.2 | 16.3 | 17.8 | 17.6 | 20.8 | 23.5 | 23.9 | 24.2 | 20.4 | 20.5 |
| Tanning and dressing of leather | 19.8 | 19.9 | 21.8 | 19.2 | 20.6 | 27.3 | 22.9 | 19.9 | 21.4 | 21.7 |
| Manuf. of wood and of products of wood and cork, except furniture | 15.4 | 15.4 | 16.3 | 17.3 | 16.5 | 24.2 | 19.0 | 17.5 | 17.7 | 17.9 |
| Manuf. of pulp, paper and paper products | 12.8 | 12.4 | 16.3 | 12.7 | 12.2 | 16.7 | 12.9 | 19.4 | 14.4 | 14.3 |
| Publishing, printing and reproduction of recorded media | 19.4 | 32.9 | 19.1 | 24.2 | 33.5 | 21.4 | 26.9 | 21.9 | 24.9 | 25.1 |
| Manuf. of coke, refined petroleum products and nuclear fuel | 11.8 | 10.5 | 11.0 | 13.2 | 9.9 | 11.3 | 12.9 | 11.8 | 11.5 | 11.5 |
| Manuf. of chemicals and chemical products | 14.1 | 15.8 | 14.2 | 13.2 | 12.5 | 19.0 | 16.2 | 19.4 | 15.5 | 15.3 |
| Manuf. of rubber and plastic products | 19.5 | 20.0 | 19.9 | 15.3 | 14.5 | 19.8 | 22.6 | 22.6 | 19.3 | 19.1 |
| Manuf. of other non-metallic mineral products | 29.6 | 24.4 | 13.5 | 15.5 | 15.9 | 27.6 | 16.1 | 25.5 | 21.0 | 20.4 |
| Manuf. of basic metals | 16.1 | 16.2 | 12.0 | 16.8 | 14.3 | 36.3 | 16.5 | 23.1 | 18.9 | 18.5 |
| Manuf. of fabric. metal products, except machinery and equip. | 24.8 | 23.5 | 17.7 | 21.2 | 18.5 | 24.1 | 16.6 | 20.8 | 20.9 | 20.7 |
| Manuf. of machinery and equipment n.e.c. | 15.2 | 17.5 | 17.1 | 15.5 | 17.8 | 20.7 | 19.5 | 22.5 | 18.2 | 18.1 |
| Manuf. of office machinery and computers | 17.9 | 18.2 | 48.0 | 21.0 | 42.4 | 20.7 | 15.5 | 20.8 | 25.6 | 26.9 |
| Manuf. of electrical machinery and apparatus n.e.c. | 17.6 | 18.8 | 16.9 | 17.6 | 15.8 | 19.9 | 18.7 | 23.4 | 18.6 | 18.4 |
| Manuf. of radio, television and communication equipment | 31.7 | 10.3 | 15.0 | 17.5 | 22.2 | 39.3 | 15.3 | 20.7 | 21.5 | 20.9 |
| Manuf. of medical, precision and optical instruments | 12.6 | 16.0 | 17.9 | 17.9 | 18.0 | 20.5 | 16.5 | 20.9 | 17.5 | 17.6 |
| Manuf. of motor vehicles, trailers and semi-trailers | 16.3 | 12.6 | 16.1 | 8.6 | 10.0 | 20.4 | 11.0 | 14.5 | 13.7 | 13.5 |
| Manuf. of other transport equipment | 11.8 | 15.4 | 14.8 | 13.4 | 29.2 | 22.8 | 12.0 | 25.5 | 18.1 | 18.1 |
| Manuf. of furniture; manufacturing n.e.c. | 19.6 | 16.3 | 16.3 | 16.5 | 17.2 | 19.3 | 18.9 | 21.8 | 18.2 | 18.1 |
| Recycling | 16.4 | 20.9 | 18.5 | 20.2 | 19.1 | 28.6 | 22.0 | 16.1 | 20.2 | 20.8 |
| Electricity, gas, steam and hot water supply | 21.5 | 14.6 | 12.2 | 20.3 | 16.9 | 32.3 | 16.9 | 15.0 | 17.7 | 18.8 |
| Collection, purification and distribution of water | 13.6 | 15.3 | 10.9 | 11.5 | 42.0 | 17.5 | 12.5 | 15.6 | 18.4 | 17.4 |
| Construction | 23.5 | 21.6 | 21.4 | 21.9 | 21.3 | 23.4 | 21.5 | 26.4 | 22.6 | 22.5 |
| Sale, maintenance and repair of motor vehicles and motorcycles | 16.7 | 18.3 | 17.1 | 18.2 | 18.9 | 22.1 | 19.7 | 19.9 | 18.9 | 19.0 |
| Wholesale trade and commission trade, except of motor vehicles | 24.5 | 21.4 | 19.8 | 22.1 | 24.3 | 25.6 | 22.6 | 26.8 | 23.4 | 23.4 |
| Retail trade, except of motor vehicles and motorcycles | 22.5 | 19.6 | 18.4 | 16.7 | 19.5 | 23.5 | 23.1 | 19.7 | 20.4 | 20.4 |
| Hotels and restaurants | 29.4 | 38.2 | 22.9 | 22.2 | 18.7 | 24.6 | 20.9 | 25.8 | 25.4 | 24.7 |
| Land transport; transport via pipelines | 15.3 | 19.7 | 18.6 | 13.3 | 12.6 | 20.6 | 15.4 | 29.7 | 18.2 | 17.5 |
| Water transport | 19.7 | 31.2 | 17.0 | 15.4 | 17.2 | 34.8 | 21.7 | 28.7 | 23.2 | 22.8 |
| Air transport | 13.3 | 11.7 | 15.4 | 10.1 | 8.8 | 18.4 | 11.1 | 15.7 | 13.1 | 12.9 |
| Supporting and auxiliary transport activities | 18.1 | 25.4 | 21.8 | 20.3 | 18.8 | 25.8 | 22.4 | 24.4 | 22.1 | 22.2 |
| Post and telecommunications | 22.1 | 15.3 | 34.1 | 20.5 | 15.3 | 17.9 | 9.8 | 22.7 | 19.7 | 19.4 |
| Financial intermediation, except insurance and pension funding | 28.3 | 32.2 | 25.1 | 25.8 | 30.7 | 36.7 | 38.7 | 31.5 | 31.1 | 30.3 |
| Insurance and pension funding, except compulsory social security | 18.9 | 32.6 | 16.2 | 2.2 | 135.7 | 11.5 | 0.0 | 0.0 | 27.1 | 21.2 |
| Activities auxiliary to financial intermediation | 31.7 | 29.1 | 22.7 | 29.0 | 25.1 | 27.3 | 26.9 | 28.6 | 27.6 | 27.3 |
| Real estate activities | 39.0 | 28.0 | 27.4 | 27.4 | 26.7 | 32.5 | 31.8 | 40.6 | 31.7 | 31.2 |
| Renting of machinery and equipment without operator | 19.4 | 22.8 | 26.6 | 19.7 | 20.7 | 23.3 | 22.5 | 23.8 | 22.4 | 22.4 |
| Computer and related activities | 27.4 | 30.4 | 28.8 | 26.6 | 23.3 | 27.5 | 26.0 | 24.4 | 26.8 | 26.7 |
| Research and development | 24.4 | 15.1 | 13.8 | 25.2 | 25.6 | 23.7 | 19.5 | 38.4 | 23.2 | 21.6 |
| Other business activities | 27.0 | 27.5 | 24.3 | 22.2 | 23.2 | 24.0 | 27.0 | 27.3 | 25.3 | 25.2 |
| Public administration and defence; compulsory social security | 31.8 | 18.2 | 20.4 | 20.4 | 70.3 | 57.3 | 53.0 | 36.1 | 38.4 | 43.6 |
| Education | 18.5 | 18.7 | 20.6 | 18.6 | 16.8 | 19.9 | 19.6 | 26.7 | 19.9 | 19.8 |
| Health and social work | 20.3 | 21.5 | 19.2 | 17.5 | 16.0 | 22.1 | 21.6 | 25.2 | 20.4 | 20.5 |
| Sewage and refuse disposal, sanitation and similar activities | 0.0 | 92.5 | 38.2 | 17.3 | 0.0 | 0.0 | 0.0 | 0.0 | 18.5 | 44.3 |
| Sewage and refuse disposal, sanitation and similar activities | 16.8 | 18.0 | 22.6 | 16.7 | 27.2 | 25.5 | 28.8 | 27.1 | 22.8 | 23.7 |
| Activities of membership organizations n.e.c. | 20.7 | 20.0 | 19.0 | 14.9 | 14.6 | 25.2 | 38.3 | 37.6 | 23.8 | 24.4 |
| Recreational, cultural and sporting activities | 20.2 | 27.1 | 26.6 | 25.3 | 23.9 | 26.7 | 21.9 | 25.7 | 24.7 | 24.8 |
| Other service activities | 24.5 | 27.1 | 21.2 | 22.1 | 36.0 | 26.5 | 23.7 | 27.7 | 26.1 | 26.1 |
| Activities of households as employers of domestic staff | 22.6 | 31.5 | 19.1 | 20.1 | 60.7 | 44.5 | 40.0 | 20.3 | 32.3 | 32.0 |
| Undifferent. goods producing activities of private households | 0.0 | 0.0 | 0.0 | 0.0 | 175.0 | 0.0 | 0.0 | 0.0 | 21.9 | 175.0 |
| Undifferent. services producing activities of private households | 0.0 | 0.0 | 0.0 | 150.0 | 184.4 | 116.7 | 11.1 | 20.8 | 60.4 | 161.9 |
| Extra-territorial organizations and bodies | 35.5 | 51.4 | 40.0 | 41.0 | 37.3 | 68.3 | 47.3 | 76.3 | 49.6 | 49.0 |
| SECTOR average | 21.8 | 21.8 | 18.8 | 21.2 | 29.0 | 26.7 | 20.8 | 22.8 | 22.9 | 21.6 |
| ratio of totals | 22.3 | 21.4 | 19.9 | 19.2 | 20.3 | 24.5 | 21.6 | 24.4 | 21.7 | |

II.D.13. EXCESS REALLOCATION RATE OF TOTAL ENTERPRISES IN AMADEUS SAMPLE BY SECTOR, 1999-2006

| SECTOR | 1999 | 2000 | 2001 | 2002 | 2003 | 2004 | 2005 | 2006 | time average | ratio of time averages |
|-------------------------------------------------------------------|------|------|------|-------|-------|-------|------|-------|--------------|------------------------|
| Agriculture, hunting and related service activities | 15.8 | 29.9 | 20.9 | 23.2 | 35.0 | 64.5 | 39.9 | 31.2 | 32.5 | 35.5 |
| Forestry, logging and related service activities | 19.3 | 16.3 | 27.4 | 27.4 | 18.3 | 30.7 | 17.1 | 55.1 | 26.5 | 24.2 |
| Fishing, fish farming and related service activities | 22.7 | 13.2 | 26.5 | 28.2 | 33.0 | 45.8 | 23.1 | 44.3 | 29.6 | 29.0 |
| Mining of coal and lignite; extraction of peat | 54.0 | 29.3 | 24.2 | 21.2 | 61.9 | 49.0 | 28.3 | 40.0 | 38.5 | 35.7 |
| Extraction of crude petroleum and natural gas | 10.5 | 15.0 | 9.9 | 17.9 | 17.1 | 90.8 | 56.2 | 9.9 | 28.4 | 26.2 |
| Mining of uranium and thorium ores | 46.7 | 0.5 | 4.1 | 159.2 | 11.7 | 3.8 | 2.7 | 8.3 | 29.6 | 28.0 |
| Mining of metal ores | 17.9 | 2.3 | 7.1 | 15.6 | 8.0 | 57.1 | 27.2 | 3.5 | 17.3 | 16.7 |
| Other mining and quarrying | 11.5 | 7.2 | 21.7 | 21.4 | 17.2 | 11.2 | 15.0 | 34.1 | 17.4 | 17.3 |
| Manufacture of food products and beverages | 11.2 | 15.6 | 18.2 | 20.3 | 19.6 | 29.0 | 18.9 | 25.1 | 19.7 | 19.9 |
| Manufacture of tobacco products | 23.6 | 27.7 | 21.5 | 8.3 | 5.3 | 12.8 | 7.8 | 7.0 | 14.3 | 14.3 |
| Manufacture of textiles | 20.4 | 22.6 | 28.1 | 25.3 | 27.0 | 36.5 | 32.8 | 30.8 | 27.9 | 27.7 |
| Manufacture of wearing apparel... | 18.5 | 18.3 | 21.0 | 22.3 | 25.5 | 30.9 | 29.3 | 29.3 | 24.4 | 24.8 |
| Tanning and dressing of leather | 21.1 | 18.7 | 25.8 | 23.7 | 25.4 | 38.5 | 28.6 | 27.2 | 26.1 | 26.5 |
| Manuf. of wood and of products of wood and cork, except furniture | 12.3 | 10.9 | 16.0 | 19.5 | 18.3 | 28.8 | 23.0 | 22.9 | 18.9 | 19.5 |
| Manuf. of pulp, paper and paper products | 14.4 | 12.3 | 19.1 | 15.0 | 16.4 | 23.0 | 17.5 | 26.2 | 18.0 | 17.7 |
| Publishing, printing and reproduction of recorded media | 12.0 | 17.6 | 16.1 | 22.5 | 54.2 | 26.3 | 38.6 | 30.6 | 27.2 | 27.5 |
| Manuf. of coke, refined petroleum products and nuclear fuel | 16.4 | 9.1 | 11.7 | 15.7 | 14.5 | 12.3 | 17.8 | 19.3 | 14.6 | 14.2 |
| Manuf. of chemicals and chemical products | 17.1 | 12.6 | 13.6 | 16.2 | 14.8 | 26.3 | 22.8 | 22.7 | 18.3 | 17.9 |
| Manuf. of rubber and plastic products | 11.0 | 14.1 | 20.3 | 16.7 | 16.1 | 21.6 | 28.6 | 35.1 | 20.4 | 20.4 |
| Manuf. of other non-metallic mineral products | 13.2 | 33.0 | 14.1 | 17.1 | 19.9 | 27.4 | 18.7 | 39.4 | 22.9 | 22.3 |
| Manuf. of basic metals | 14.3 | 12.6 | 13.5 | 22.7 | 19.4 | 50.9 | 17.8 | 23.3 | 21.8 | 21.8 |
| Manuf. of fabric, metal products, except machinery and equip. | 14.6 | 27.9 | 17.2 | 18.9 | 24.2 | 32.9 | 17.5 | 26.3 | 22.4 | 22.5 |
| Manuf. of machinery and equipment n.e.c. | 13.5 | 18.0 | 18.7 | 18.7 | 21.2 | 28.7 | 25.1 | 29.4 | 21.7 | 21.6 |
| Manuf. of office machinery and computers | 12.5 | 16.6 | 21.2 | 21.1 | 74.0 | 27.1 | 14.9 | 23.2 | 26.3 | 28.0 |
| Manuf. of electrical machinery and apparatus n.e.c. | 13.6 | 19.3 | 20.0 | 22.1 | 18.7 | 23.7 | 22.5 | 32.4 | 21.5 | 21.4 |
| Manuf. of radio, television and communication equipment | 7.3 | 9.0 | 10.4 | 26.9 | 33.0 | 70.4 | 17.8 | 32.0 | 25.8 | 25.1 |
| Manuf. of medical, precision and optical instruments | 7.5 | 12.1 | 17.0 | 22.7 | 22.9 | 26.2 | 20.7 | 29.2 | 19.8 | 20.0 |
| Manuf. of motor vehicles, trailers and semi-trailers | 12.8 | 9.2 | 17.0 | 10.2 | 11.2 | 31.0 | 13.4 | 23.3 | 16.0 | 15.8 |
| Manuf. of other transport equipment | 11.6 | 13.5 | 13.8 | 17.1 | 48.0 | 18.8 | 14.2 | 39.8 | 22.1 | 21.8 |
| Manuf. of furniture; manufacturing n.e.c. | 24.1 | 13.5 | 16.2 | 19.1 | 20.0 | 23.4 | 23.2 | 31.5 | 21.4 | 21.1 |
| Recycling | 11.7 | 12.1 | 13.6 | 20.6 | 20.0 | 25.1 | 23.3 | 15.0 | 17.7 | 18.9 |
| Electricity, gas, steam and hot water supply | 14.2 | 12.5 | 10.7 | 18.5 | 19.5 | 53.1 | 22.7 | 21.9 | 21.6 | 22.1 |
| Collection, purification and distribution of water | 2.3 | 16.5 | 8.2 | 9.8 | 77.2 | 25.4 | 17.9 | 20.2 | 22.2 | 21.8 |
| Construction | 23.6 | 18.9 | 20.0 | 22.3 | 20.8 | 23.0 | 21.9 | 31.2 | 22.7 | 22.6 |
| Sale, maintenance and repair of motor vehicles and motorcycles | 13.4 | 16.1 | 14.6 | 16.9 | 18.6 | 19.5 | 22.0 | 25.2 | 18.3 | 18.6 |
| Wholesale trade and commission trade, except of motor vehicles | 25.8 | 18.2 | 14.7 | 25.6 | 27.3 | 22.6 | 24.1 | 30.7 | 23.6 | 23.7 |
| Retail trade, except of motor vehicles and motorcycles | 18.5 | 15.2 | 13.4 | 15.7 | 17.3 | 22.2 | 27.3 | 22.9 | 19.1 | 19.3 |
| Hotels and restaurants | 12.5 | 36.6 | 17.9 | 18.6 | 17.8 | 29.0 | 20.2 | 33.0 | 23.2 | 23.2 |
| Land transport; transport via pipelines | 8.7 | 12.1 | 14.1 | 13.2 | 11.8 | 28.4 | 15.1 | 47.1 | 18.8 | 18.0 |
| Water transport | 13.0 | 33.4 | 17.0 | 19.3 | 23.5 | 49.8 | 27.8 | 23.6 | 25.9 | 26.1 |
| Air transport | 6.2 | 8.9 | 12.9 | 9.5 | 10.7 | 27.9 | 12.2 | 21.3 | 13.7 | 13.3 |
| Supporting and auxiliary transport activities | 13.8 | 14.6 | 16.8 | 24.0 | 18.3 | 28.1 | 24.4 | 32.9 | 21.6 | 22.0 |
| Post and telecommunications | 13.4 | 5.3 | 17.7 | 18.0 | 22.8 | 19.1 | 10.6 | 37.1 | 18.0 | 17.7 |
| Financial intermediation, except insurance and pension funding | 16.0 | 34.4 | 18.9 | 31.7 | 24.1 | 49.1 | 40.6 | 43.0 | 32.2 | 30.3 |
| Insurance and pension funding, except compulsory social security | 15.2 | 4.1 | 18.9 | 1.6 | 271.1 | 0.0 | 0.0 | 0.0 | 38.9 | 14.1 |
| Activities auxiliary to financial intermediation | 15.2 | 21.0 | 19.3 | 27.0 | 27.6 | 30.6 | 29.2 | 31.0 | 25.1 | 25.8 |
| Real estate activities | 51.6 | 29.6 | 27.6 | 32.4 | 30.2 | 40.4 | 33.5 | 56.6 | 37.7 | 36.8 |
| Renting of machinery and equipment without operator | 14.8 | 16.3 | 15.9 | 21.1 | 19.8 | 24.1 | 22.7 | 30.4 | 20.6 | 21.0 |
| Computer and related activities | 10.3 | 14.7 | 19.6 | 23.8 | 25.2 | 32.9 | 25.6 | 27.7 | 22.5 | 23.4 |
| Research and development | 10.2 | 12.0 | 10.3 | 36.2 | 41.4 | 30.9 | 24.1 | 58.6 | 28.0 | 27.0 |
| Other business activities | 15.7 | 18.0 | 19.6 | 21.5 | 21.3 | 21.8 | 28.1 | 33.1 | 22.4 | 22.9 |
| Public administration and defence; compulsory social security | 41.6 | 13.4 | 28.1 | 17.4 | 100.1 | 48.2 | 65.9 | 45.0 | 45.0 | 51.4 |
| Education | 10.4 | 15.2 | 16.2 | 15.2 | 16.4 | 18.6 | 18.2 | 32.9 | 17.9 | 18.4 |
| Health and social work | 8.2 | 16.5 | 17.3 | 13.1 | 13.9 | 17.1 | 22.6 | 31.2 | 17.5 | 18.3 |
| Sewage and refuse disposal, sanitation and similar activities | 0.0 | 86.6 | 53.5 | 2.5 | 0.0 | 0.0 | 0.0 | 0.0 | 17.8 | 46.9 |
| Sewage and refuse disposal, sanitation and similar activities | 12.5 | 12.1 | 18.9 | 14.6 | 19.5 | 27.0 | 43.3 | 36.9 | 23.1 | 24.6 |
| Activities of membership organizations n.e.c. | 10.3 | 15.7 | 13.0 | 10.5 | 15.8 | 23.5 | 62.5 | 56.4 | 26.0 | 28.7 |
| Recreational, cultural and sporting activities | 13.8 | 14.9 | 26.7 | 23.9 | 25.5 | 28.5 | 23.0 | 31.1 | 23.4 | 24.0 |
| Other service activities | 16.1 | 23.9 | 17.0 | 22.6 | 50.6 | 30.6 | 22.0 | 32.8 | 27.0 | 27.4 |
| Activities of households as employers of domestic staff | 16.0 | 39.1 | 7.3 | 5.6 | 88.5 | 43.9 | 26.0 | 18.7 | 30.6 | 31.6 |
| Undifferent. goods producing activities of private households | 0.0 | 0.0 | 0.0 | 0.0 | 350.0 | 0.0 | 0.0 | 0.0 | 43.8 | 350.0 |
| Undifferent. services producing activities of private households | 0.0 | 0.0 | 0.0 | 300.0 | 350.2 | 33.3 | 0.0 | 33.3 | 89.6 | 302.2 |
| Extra-territorial organizations and bodies | 56.8 | 89.7 | 35.2 | 27.5 | 55.1 | 126.8 | 85.3 | 122.3 | 74.8 | 76.0 |
| SECTOR average | 19.0 | 18.7 | 17.6 | 25.7 | 42.7 | 32.0 | 24.6 | 30.0 | 26.3 | 22.3 |
| ratio of totals | 16.2 | 17.5 | 17.2 | 20.2 | 22.6 | 28.1 | 24.2 | 31.1 | 22.1 | |

ANNEX III

JOB FLOWS IN EUROPE. RESULTS BY AGGREGATED SECTORS

III.A. FINAL SAMPLE OF FIRMS FROM AMADEUS DATABASE

III.A.1. ENTERPRISES IN AMADEUS SAMPLE BY AGREGATED SECTORS, 1999-2006

| Agregated Sectors | 1999 | 2000 | 2001 | 2002 | 2003 | 2004 | 2005 | 2006 | time average |
|-----------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|
| Primary sectors | 37,967 | 52,846 | 64,188 | 74,194 | 87,566 | 108,450 | 108,372 | 63,028 | 74,576 |
| Manufacturing sectors | 360,622 | 434,821 | 486,887 | 521,902 | 586,150 | 611,162 | 597,167 | 447,977 | 505,836 |
| Construction | 222,461 | 274,605 | 330,158 | 375,008 | 418,281 | 457,126 | 463,020 | 372,625 | 364,161 |
| Services | 1,273,193 | 1,653,407 | 1,950,929 | 2,346,595 | 2,693,956 | 2,936,863 | 2,962,906 | 1,998,450 | 2,227,037 |
| TOTAL | 1,894,243 | 2,415,679 | 2,832,162 | 3,317,699 | 3,785,953 | 4,113,601 | 4,131,465 | 2,882,080 | 3,171,610 |

III.A.2. PERCENTAGE OF CONTINUING ENTERPRISES IN AMADEUS SAMPLE BY AGREGATED SECTORS. 1999-2006

| Agregated Sectors | 1999 | 2000 | 2001 | 2002 | 2003 | 2004 | 2005 | 2006 | time average | ratio of time averages |
|---------------------------|------|------|------|------|------|------|------|------|--------------|------------------------|
| Primary sectors | 95.2 | 95.4 | 95.6 | 96.0 | 96.5 | 96.7 | 97.9 | 98.5 | 96.5 | 96.7 |
| Manufacturing sectors | 96.0 | 96.0 | 96.3 | 96.0 | 96.9 | 96.6 | 97.2 | 98.7 | 96.7 | 96.7 |
| Construction | 94.3 | 93.7 | 93.4 | 93.3 | 94.7 | 94.1 | 94.4 | 97.6 | 94.4 | 94.5 |
| Services | 93.9 | 93.7 | 94.2 | 94.5 | 95.2 | 95.0 | 95.6 | 97.5 | 94.9 | 95.0 |
| Agregated Sectors average | 94.9 | 94.7 | 94.9 | 94.9 | 95.8 | 95.6 | 96.3 | 98.1 | 95.6 | 95.3 |
| ratio of totals | 94.4 | 94.2 | 94.5 | 94.7 | 95.4 | 95.1 | 95.7 | 97.8 | 95.2 | |

III.A.3. PERCENTAGE OF CONTINUING EMPLOYMENT CREATOR ENTERPRISES IN AMADEUS SAMPLE BY AGREGATED SECTORS. 1999-2006

| Agregated Sectors | 1999 | 2000 | 2001 | 2002 | 2003 | 2004 | 2005 | 2006 | time average | ratio of time averages |
|---------------------------|------|------|------|------|------|------|------|------|--------------|------------------------|
| Primary sectors | 22.6 | 23.2 | 21.7 | 21.4 | 22.5 | 26.1 | 29.0 | 24.1 | 23.8 | 24.4 |
| Manufacturing sectors | 31.0 | 32.2 | 29.2 | 26.4 | 27.0 | 26.3 | 27.6 | 27.6 | 28.4 | 28.1 |
| Construction | 27.5 | 26.0 | 22.7 | 22.4 | 24.6 | 25.9 | 27.3 | 27.3 | 25.5 | 25.4 |
| Services | 24.8 | 23.6 | 21.1 | 21.6 | 21.9 | 23.7 | 23.8 | 23.2 | 23.0 | 22.9 |
| Agregated Sectors average | 26.5 | 26.2 | 23.7 | 22.9 | 24.0 | 25.5 | 26.9 | 25.6 | 25.2 | 24.1 |
| ratio of totals | 26.2 | 25.4 | 22.7 | 22.4 | 23.0 | 24.4 | 24.9 | 24.5 | 24.2 | |

III.A.4. PERCENTAGE OF CONTINUING EMPLOYMENT DESTROYER ENTERPRISES IN AMADEUS SAMPLE BY AGREGATED SECTORS. 1999-2006

| Agregated Sectors | 1999 | 2000 | 2001 | 2002 | 2003 | 2004 | 2005 | 2006 | time average | ratio of time averages |
|---------------------------|------|------|------|------|------|------|------|------|--------------|------------------------|
| Primary sectors | 20.5 | 24.5 | 25.0 | 27.4 | 28.0 | 28.2 | 28.3 | 19.6 | 25.2 | 26.0 |
| Manufacturing sectors | 23.4 | 21.4 | 21.3 | 23.7 | 25.7 | 24.7 | 26.4 | 22.8 | 23.7 | 23.9 |
| Construction | 18.2 | 18.3 | 18.4 | 19.5 | 21.4 | 20.2 | 20.9 | 19.0 | 19.5 | 19.7 |
| Services | 16.4 | 16.5 | 16.5 | 18.8 | 19.7 | 17.4 | 19.7 | 15.2 | 17.5 | 17.8 |
| Agregated Sectors average | 19.6 | 20.2 | 20.3 | 22.3 | 23.7 | 22.6 | 23.8 | 19.1 | 21.5 | 19.2 |
| ratio of totals | 18.0 | 17.8 | 17.7 | 19.8 | 21.0 | 19.1 | 21.0 | 16.9 | 18.9 | |

III.A.5. PERCENTAGE OF CONTINUING EMPLOYMENT STABLE ENTERPRISES IN AMADEUS SAMPLE BY AGREGATED SECTORS. 1999-2006

| Agregated Sectors | 1999 | 2000 | 2001 | 2002 | 2003 | 2004 | 2005 | 2006 | time average | ratio of time averages |
|---------------------------|------|------|------|------|------|------|------|------|--------------|------------------------|
| Primary sectors | 52.1 | 47.7 | 48.8 | 47.2 | 46.0 | 42.4 | 40.5 | 54.8 | 47.4 | 46.3 |
| Manufacturing sectors | 41.7 | 42.5 | 45.8 | 45.8 | 44.3 | 45.7 | 43.2 | 48.3 | 44.6 | 44.7 |
| Construction | 48.6 | 49.5 | 52.3 | 51.4 | 48.7 | 48.0 | 46.2 | 51.3 | 49.5 | 49.4 |
| Services | 52.7 | 53.6 | 56.6 | 54.2 | 53.6 | 53.8 | 52.1 | 59.1 | 54.5 | 54.3 |
| Agregated Sectors average | 48.8 | 48.3 | 50.9 | 49.6 | 48.1 | 47.5 | 45.5 | 53.4 | 49.0 | 52.0 |
| ratio of totals | 50.1 | 51.0 | 54.1 | 52.4 | 51.4 | 51.7 | 49.8 | 56.4 | 52.1 | |

III.A.6. PERCENTAGE OF ENTERING ENTERPRISES IN AMADEUS SAMPLE BY AGREGATED SECTORS. 1999-2006

| Agregated Sectors | 1999 | 2000 | 2001 | 2002 | 2003 | 2004 | 2005 | 2006 | time average | ratio of time averages |
|---------------------------|------|------|------|------|------|------|------|------|--------------|------------------------|
| Primary sectors | 4.8 | 4.6 | 4.4 | 4.0 | 3.5 | 3.3 | 2.1 | 1.5 | 3.5 | 3.3 |
| Manufacturing sectors | 4.0 | 4.0 | 3.7 | 4.0 | 3.1 | 3.4 | 2.8 | 1.3 | 3.3 | 3.3 |
| Construction | 5.7 | 6.3 | 6.6 | 6.7 | 5.3 | 5.9 | 5.6 | 2.4 | 5.6 | 5.5 |
| Services | 6.1 | 6.3 | 5.8 | 5.5 | 4.8 | 5.0 | 4.4 | 2.5 | 5.1 | 5.0 |
| Agregated Sectors average | 5.1 | 5.3 | 5.1 | 5.1 | 4.2 | 4.4 | 3.7 | 1.9 | 4.4 | 4.7 |
| ratio of totals | 5.6 | 5.8 | 5.5 | 5.3 | 4.6 | 4.9 | 4.3 | 2.2 | 4.8 | |

III.A.7. PERCENTAGE OF EXITING ENTERPRISES IN AMADEUS SAMPLE BY AGREGATED SECTORS. 1999-2006

| Agregated Sectors | 1999 | 2000 | 2001 | 2002 | 2003 | 2004 | 2005 | 2006 | time average | ratio of time averages |
|---------------------------|------|------|------|------|------|------|------|------|--------------|------------------------|
| Primary sectors | 4.5 | 1.4 | 1.6 | 2.6 | 3.8 | 5.1 | 4.3 | 11.6 | 4.3 | 4.4 |
| Manufacturing sectors | 1.5 | 1.5 | 2.2 | 3.0 | 4.3 | 5.3 | 5.3 | 10.6 | 4.2 | 4.3 |
| Construction | 1.0 | 1.2 | 1.8 | 2.6 | 3.9 | 4.9 | 5.4 | 11.4 | 4.0 | 4.4 |
| Services | 1.1 | 1.5 | 2.3 | 3.6 | 4.3 | 5.2 | 6.1 | 14.1 | 4.8 | 5.0 |
| Agregated Sectors average | 2.0 | 1.4 | 2.0 | 3.0 | 4.1 | 5.1 | 5.3 | 11.9 | 4.3 | 4.8 |
| ratio of totals | 1.3 | 1.4 | 2.2 | 3.4 | 4.2 | 5.1 | 5.9 | 13.1 | 4.6 | |

III.B. EMPLOYEES DISTRIBUTION BY FIRM TYPES IN AMADEUS DATABASE

III.B.1. EMPLOYEES IN AMADEUS SAMPLE BY AGREGATED SECTORS, 1999-2006

| Agregated Sectors | 1999 | 2000 | 2001 | 2002 | 2003 | 2004 | 2005 | 2006 | time average |
|-----------------------|-------------------|--------------------|--------------------|--------------------|--------------------|--------------------|--------------------|--------------------|--------------------|
| Primary sectors | 2,160,501 | 5,398,963 | 6,538,988 | 7,326,290 | 7,469,684 | 6,652,477 | 5,655,624 | 2,228,536 | 5,428,883 |
| Manufacturing sectors | 31,489,918 | 44,779,981 | 47,904,076 | 48,487,035 | 48,122,385 | 45,306,859 | 42,434,471 | 30,592,257 | 42,389,623 |
| Construction | 7,739,488 | 10,546,982 | 12,605,879 | 13,154,930 | 13,944,318 | 13,763,958 | 13,267,155 | 9,344,469 | 11,795,897 |
| Services | 56,013,041 | 77,032,799 | 87,309,829 | 96,152,721 | 97,080,896 | 95,195,313 | 94,189,764 | 73,368,173 | 84,542,817 |
| TOTAL | 97,402,948 | 137,758,725 | 154,358,772 | 165,120,976 | 166,617,283 | 160,918,607 | 155,547,014 | 115,533,435 | 144,157,220 |

III.B.2. PROPORTION OF CONTINUING FIRMS EMPLOYEES IN TOTAL EMPLOYEES IN AMADEUS SAMPLE BY AGREGATED SECTORS. 1999-2006

| Agregated Sectors | 1999 | 2000 | 2001 | 2002 | 2003 | 2004 | 2005 | 2006 | time average | ratio of time averages |
|---------------------------|------|------|------|------|------|------|------|------|--------------|------------------------|
| Primary sectors | 91.7 | 98.6 | 99.2 | 98.5 | 96.7 | 92.9 | 96.0 | 96.4 | 96.2 | 96.7 |
| Manufacturing sectors | 98.6 | 98.3 | 98.4 | 97.9 | 97.0 | 95.4 | 97.3 | 95.6 | 97.3 | 97.3 |
| Construction | 97.8 | 98.1 | 98.1 | 97.6 | 97.8 | 96.2 | 97.3 | 94.7 | 97.2 | 97.2 |
| Services | 97.5 | 97.9 | 97.4 | 97.8 | 97.2 | 96.5 | 96.2 | 93.9 | 96.8 | 96.8 |
| Agregated Sectors average | 96.4 | 98.2 | 98.3 | 97.9 | 97.2 | 95.3 | 96.7 | 95.1 | 96.9 | 97.0 |
| ratio of totals | 97.8 | 98.1 | 97.9 | 97.8 | 97.2 | 96.0 | 96.6 | 94.5 | 97.0 | |

III.B.3. PROPORTION OF EMPLOYMENT CREATOR CONTINUING FIRMS EMPLOYEES IN TOTAL EMPLOYEES IN AMADEUS SAMPLE BY AGREGATED SECTORS. 1999-2006

| Agregated Sectors | 1999 | 2000 | 2001 | 2002 | 2003 | 2004 | 2005 | 2006 | time average | ratio of time averages |
|---------------------------|------|------|------|------|------|------|------|------|--------------|------------------------|
| Primary sectors | 32.3 | 40.8 | 37.0 | 33.8 | 35.8 | 31.7 | 37.6 | 28.2 | 34.7 | 35.3 |
| Manufacturing sectors | 46.6 | 48.5 | 44.1 | 35.6 | 36.8 | 38.0 | 42.6 | 42.2 | 41.8 | 41.5 |
| Construction | 44.3 | 44.2 | 43.5 | 42.0 | 38.7 | 38.9 | 45.8 | 44.5 | 42.8 | 42.5 |
| Services | 54.0 | 52.8 | 46.5 | 43.7 | 43.4 | 43.8 | 48.8 | 51.1 | 48.0 | 47.4 |
| Agregated Sectors average | 44.3 | 46.6 | 42.8 | 38.8 | 38.7 | 38.1 | 43.7 | 41.5 | 41.8 | 44.8 |
| ratio of totals | 50.4 | 50.3 | 45.1 | 40.8 | 40.7 | 41.2 | 46.5 | 47.8 | 45.3 | |

III.B.4. PROPORTION OF EMPLOYMENT DESTROYER CONTINUING FIRMS EMPLOYEES IN TOTAL EMPLOYEES IN AMADEUS SAMPLE BY AGREGATED SECTORS. 1999-2006

| Agregated Sectors | 1999 | 2000 | 2001 | 2002 | 2003 | 2004 | 2005 | 2006 | time average | ratio of time averages |
|---------------------------|------|------|------|------|------|------|------|------|--------------|------------------------|
| Primary sectors | 45.1 | 49.2 | 52.5 | 55.2 | 43.9 | 49.0 | 48.1 | 50.0 | 49.1 | 49.5 |
| Manufacturing sectors | 37.9 | 38.7 | 39.8 | 48.6 | 41.5 | 42.3 | 40.3 | 37.0 | 40.8 | 41.1 |
| Construction | 33.3 | 37.5 | 31.3 | 37.6 | 35.9 | 38.1 | 33.6 | 29.5 | 34.6 | 34.9 |
| Services | 29.5 | 31.8 | 32.7 | 39.5 | 37.6 | 36.5 | 31.8 | 27.2 | 33.3 | 33.8 |
| Agregated Sectors average | 36.4 | 39.3 | 39.1 | 45.2 | 39.7 | 41.5 | 38.4 | 35.9 | 39.5 | 36.6 |
| ratio of totals | 32.9 | 35.2 | 35.6 | 42.7 | 38.9 | 38.8 | 34.8 | 30.4 | 36.2 | |

III.B.5. PROPORTION OF STABLE EMPLOYMENT CONTINUING FIRMS EMPLOYEES IN TOTAL EMPLOYEES IN AMADEUS SAMPLE BY AGREGATED SECTORS. 1999-2006

| Agregated Sectors | 1999 | 2000 | 2001 | 2002 | 2003 | 2004 | 2005 | 2006 | time average | ratio of time averages |
|---------------------------|------|------|------|------|------|------|------|------|--------------|------------------------|
| Primary sectors | 14.3 | 8.6 | 9.7 | 9.6 | 16.9 | 12.2 | 10.3 | 18.2 | 12.5 | 11.9 |
| Manufacturing sectors | 14.0 | 11.1 | 14.5 | 13.7 | 18.7 | 15.1 | 14.4 | 16.4 | 14.7 | 14.7 |
| Construction | 20.2 | 16.5 | 23.2 | 17.9 | 23.1 | 19.2 | 18.0 | 20.6 | 19.9 | 19.9 |
| Services | 14.0 | 13.3 | 18.3 | 14.5 | 16.3 | 16.3 | 15.6 | 15.6 | 15.5 | 15.6 |
| Agregated Sectors average | 15.6 | 12.4 | 16.4 | 13.9 | 18.8 | 15.7 | 14.6 | 17.7 | 15.6 | 15.5 |
| ratio of totals | 14.5 | 12.6 | 17.2 | 14.3 | 17.6 | 16.0 | 15.3 | 16.3 | 15.5 | |

III.B.6. PROPORTION OF ENTERING FIRMS EMPLOYEES IN TOTAL EMPLOYEES IN AMADEUS SAMPLE BY AGREGATED SECTORS. 1999-2006

| Agregated Sectors | 1999 | 2000 | 2001 | 2002 | 2003 | 2004 | 2005 | 2006 | time average | ratio of time averages |
|---------------------------|------|------|------|------|------|------|------|------|--------------|------------------------|
| Primary sectors | 6.4 | 0.9 | 0.4 | 0.6 | 0.9 | 1.2 | 1.0 | 0.1 | 1.4 | 1.1 |
| Manufacturing sectors | 0.9 | 1.1 | 0.6 | 0.7 | 0.4 | 0.4 | 0.4 | 0.2 | 0.6 | 0.6 |
| Construction | 1.7 | 1.2 | 1.0 | 1.2 | 0.7 | 0.8 | 0.7 | 0.5 | 1.0 | 0.9 |
| Services | 2.0 | 1.5 | 1.7 | 1.0 | 1.0 | 1.1 | 1.0 | 0.5 | 1.2 | 1.2 |
| Agregated Sectors average | 2.7 | 1.1 | 0.9 | 0.9 | 0.8 | 0.9 | 0.8 | 0.3 | 1.1 | 1.0 |
| ratio of totals | 1.7 | 1.3 | 1.2 | 0.9 | 0.8 | 0.9 | 0.8 | 0.4 | 1.0 | |

III.B.7. PROPORTION OF EXITING FIRMS EMPLOYEES IN TOTAL EMPLOYEES IN AMADEUS SAMPLE BY AGREGATED SECTORS. 1999-2006

| Agregated Sectors | 1999 | 2000 | 2001 | 2002 | 2003 | 2004 | 2005 | 2006 | time average | ratio of time averages |
|---------------------------|------|------|------|------|------|------|------|------|--------------|------------------------|
| Primary sectors | 1.9 | 0.6 | 0.4 | 0.9 | 2.4 | 5.8 | 3.0 | 3.5 | 2.3 | 2.3 |
| Manufacturing sectors | 0.5 | 0.6 | 1.0 | 1.4 | 2.6 | 4.2 | 2.3 | 4.3 | 2.1 | 2.1 |
| Construction | 0.5 | 0.7 | 0.9 | 1.2 | 1.4 | 3.0 | 2.0 | 4.8 | 1.8 | 1.8 |
| Services | 0.5 | 0.6 | 0.9 | 1.2 | 1.8 | 2.4 | 2.8 | 5.6 | 2.0 | 2.0 |
| Agregated Sectors average | 0.8 | 0.6 | 0.8 | 1.2 | 2.1 | 3.9 | 2.5 | 4.5 | 2.1 | 2.0 |
| ratio of totals | 0.5 | 0.6 | 0.9 | 1.3 | 2.0 | 3.1 | 2.6 | 5.1 | 2.0 | |

I.C. JOB FLOWS

III.C.1. GROSS EMPLOYMENT CREATED BY CONTINUING ENTERPRISES IN AMADEUS SAMPLE BY AGREGATED SECTORS, 1999-2006

| Agregated Sectors | 1999 | 2000 | 2001 | 2002 | 2003 | 2004 | 2005 | 2006 | time average |
|-----------------------|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|------------------|-------------------|
| Primary sectors | 122,288 | 269,844 | 315,476 | 427,442 | 432,268 | 403,886 | 337,569 | 142,109 | 306,360 |
| Manufacturing sectors | 2,997,229 | 3,372,667 | 3,372,954 | 2,698,664 | 2,491,409 | 3,101,191 | 2,539,342 | 1,950,649 | 2,815,513 |
| Construction | 695,337 | 890,325 | 988,236 | 1,087,672 | 1,128,172 | 1,196,764 | 1,053,928 | 811,363 | 981,475 |
| Services | 6,684,975 | 8,574,553 | 8,441,120 | 7,983,922 | 8,232,895 | 9,847,218 | 8,893,091 | 6,422,899 | 8,135,084 |
| TOTAL | 10,499,829 | 13,107,389 | 13,117,786 | 12,197,700 | 12,284,744 | 14,549,059 | 12,823,930 | 9,327,020 | 12,238,432 |

III.C.2. GROSS EMPLOYMENT DESTROYED BY CONTINUING ENTERPRISES IN AMADEUS SAMPLE BY AGREGATED SECTORS, 1999-2006

| Agregated Sectors | 1999 | 2000 | 2001 | 2002 | 2003 | 2004 | 2005 | 2006 | time average |
|-----------------------|------------------|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|------------------|-------------------|
| Primary sectors | 188,134 | 504,695 | 565,840 | 677,392 | 793,847 | 1,148,705 | 660,971 | 163,409 | 587,874 |
| Manufacturing sectors | 1,861,622 | 3,114,212 | 3,082,596 | 3,232,889 | 3,060,103 | 3,054,780 | 2,660,407 | 1,697,023 | 2,720,454 |
| Construction | 697,046 | 754,116 | 810,303 | 1,015,915 | 1,272,931 | 1,249,697 | 929,387 | 503,842 | 904,155 |
| Services | 4,289,667 | 5,814,541 | 6,121,025 | 7,656,380 | 8,884,766 | 7,358,506 | 6,623,011 | 3,969,701 | 6,339,700 |
| TOTAL | 7,036,469 | 10,187,564 | 10,579,764 | 12,582,576 | 14,011,647 | 12,811,688 | 10,873,776 | 6,333,975 | 10,552,182 |

III.C.3. GROSS EMPLOYMENT CREATED BY ENTERING ENTERPRISES IN AMADEUS SAMPLE BY AGREGATED SECTORS, 1999-2006

| Agregated Sectors | 1999 | 2000 | 2001 | 2002 | 2003 | 2004 | 2005 | 2006 | time average |
|-----------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|----------------|------------------|
| Primary sectors | 276,536 | 90,823 | 46,690 | 80,191 | 137,702 | 158,882 | 109,740 | 5,684 | 113,281 |
| Manufacturing sectors | 570,282 | 935,253 | 526,759 | 661,005 | 414,333 | 376,234 | 302,590 | 92,577 | 484,879 |
| Construction | 251,918 | 239,760 | 245,581 | 297,635 | 194,724 | 202,265 | 169,980 | 94,048 | 211,989 |
| Services | 2,177,206 | 2,243,470 | 2,892,033 | 1,846,777 | 1,779,990 | 1,918,788 | 1,747,494 | 724,059 | 1,916,227 |
| TOTAL | 3,275,942 | 3,509,306 | 3,711,063 | 2,885,608 | 2,526,749 | 2,656,169 | 2,329,804 | 916,368 | 2,726,376 |

III.C.4. GROSS EMPLOYMENT DESTROYED BY EXITING ENTERPRISES IN AMADEUS SAMPLE BY AGREGATED SECTORS, 1999-2006

| Agregated Sectors | 1999 | 2000 | 2001 | 2002 | 2003 | 2004 | 2005 | 2006 | time average |
|-----------------------|----------------|------------------|------------------|------------------|------------------|------------------|------------------|-------------------|------------------|
| Primary sectors | 81,613 | 62,563 | 51,109 | 137,512 | 355,550 | 773,803 | 338,867 | 149,629 | 243,831 |
| Manufacturing sectors | 325,005 | 572,331 | 993,144 | 1,384,133 | 2,465,464 | 3,800,749 | 1,941,768 | 2,592,856 | 1,759,431 |
| Construction | 74,951 | 143,189 | 228,740 | 322,174 | 395,216 | 803,583 | 520,021 | 873,134 | 420,126 |
| Services | 516,061 | 945,435 | 1,485,340 | 2,287,582 | 3,478,220 | 4,479,487 | 5,219,180 | 8,002,352 | 3,301,707 |
| TOTAL | 997,630 | 1,723,518 | 2,758,333 | 4,131,401 | 6,694,450 | 9,857,622 | 8,019,836 | 11,617,971 | 5,725,095 |

I.D. JOB FLOWS INDICATORS

III.D.1. GROSS JOB CREATION RATE OF CONTINUING ENTERPRISES IN AMADEUS SAMPLE BY AGREGATED SECTORS, 1999-2006

| Agregated Sectors | 1999 | 2000 | 2001 | 2002 | 2003 | 2004 | 2005 | 2006 | time average | ratio of time averages |
|---------------------------|------|------|------|------|------|------|------|------|--------------|------------------------|
| Primary sectors | 5.7 | 5.0 | 4.8 | 5.8 | 5.8 | 6.1 | 6.0 | 6.4 | 5.7 | 5.6 |
| Manufacturing sectors | 9.5 | 7.5 | 7.0 | 5.6 | 5.2 | 6.8 | 6.0 | 6.4 | 6.8 | 6.6 |
| Construction | 9.0 | 8.4 | 7.8 | 8.3 | 8.1 | 8.7 | 7.9 | 8.7 | 8.4 | 8.3 |
| Services | 11.9 | 11.1 | 9.7 | 8.3 | 8.5 | 10.3 | 9.4 | 8.8 | 9.8 | 9.6 |
| Agregated Sectors average | 9.0 | 8.0 | 7.3 | 7.0 | 6.9 | 8.0 | 7.3 | 7.5 | 7.6 | 8.5 |
| ratio of totals | 10.8 | 9.5 | 8.5 | 7.4 | 7.4 | 9.0 | 8.2 | 8.1 | 8.6 | |

III.D.2. GROSS JOB CREATION RATE OF ENTERING ENTERPRISES IN AMADEUS SAMPLE BY AGREGATED SECTORS, 1999-2006

| Agregated Sectors | 1999 | 2000 | 2001 | 2002 | 2003 | 2004 | 2005 | 2006 | time average | ratio of time averages |
|---------------------------|------|------|------|------|------|------|------|------|--------------|------------------------|
| Primary sectors | 12.8 | 1.7 | 0.7 | 1.1 | 1.8 | 2.4 | 1.9 | 0.3 | 2.8 | 2.1 |
| Manufacturing sectors | 1.8 | 2.1 | 1.1 | 1.4 | 0.9 | 0.8 | 0.7 | 0.3 | 1.1 | 1.1 |
| Construction | 3.3 | 2.3 | 1.9 | 2.3 | 1.4 | 1.5 | 1.3 | 1.0 | 1.9 | 1.8 |
| Services | 3.9 | 2.9 | 3.3 | 1.9 | 1.8 | 2.0 | 1.9 | 1.0 | 2.3 | 2.3 |
| Agregated Sectors average | 5.4 | 2.2 | 1.8 | 1.7 | 1.5 | 1.7 | 1.4 | 0.6 | 2.0 | 1.9 |
| ratio of totals | 3.4 | 2.5 | 2.4 | 1.7 | 1.5 | 1.7 | 1.5 | 0.8 | 1.9 | |

III.D.3. GROSS JOB CREATION RATE OF TOTAL ENTERPRISES IN AMADEUS SAMPLE BY AGREGATED SECTORS, 1999-2006

| Agregated Sectors | 1999 | 2000 | 2001 | 2002 | 2003 | 2004 | 2005 | 2006 | time average | ratio of time averages |
|---------------------------|------|------|------|------|------|------|------|------|--------------|------------------------|
| Primary sectors | 18.5 | 6.7 | 5.5 | 6.9 | 7.6 | 8.5 | 7.9 | 6.6 | 8.5 | 7.7 |
| Manufacturing sectors | 11.3 | 9.6 | 8.1 | 6.9 | 6.0 | 7.7 | 6.7 | 6.7 | 7.9 | 7.8 |
| Construction | 12.2 | 10.7 | 9.8 | 10.5 | 9.5 | 10.2 | 9.2 | 9.7 | 10.2 | 10.1 |
| Services | 15.8 | 14.0 | 13.0 | 10.2 | 10.3 | 12.4 | 11.3 | 9.7 | 12.1 | 11.9 |
| Agregated Sectors average | 14.5 | 10.3 | 9.1 | 8.7 | 8.4 | 9.7 | 8.8 | 8.2 | 9.7 | 10.4 |
| ratio of totals | 14.1 | 12.1 | 10.9 | 9.1 | 8.9 | 10.7 | 9.7 | 8.9 | 10.6 | |

III.D.4. GROSS JOB DESTRUCTION RATE OF CONTINUING ENTERPRISES IN AMADEUS SAMPLE BY AGREGATED SECTORS, 1999-2006

| Agregated Sectors | 1999 | 2000 | 2001 | 2002 | 2003 | 2004 | 2005 | 2006 | time average | ratio of time averages |
|---------------------------|------|------|------|------|------|------|------|------|--------------|------------------------|
| Primary sectors | 8.7 | 9.3 | 8.7 | 9.2 | 10.6 | 17.3 | 11.7 | 7.3 | 10.4 | 10.8 |
| Manufacturing sectors | 5.9 | 7.0 | 6.4 | 6.7 | 6.4 | 6.7 | 6.3 | 5.5 | 6.4 | 6.4 |
| Construction | 9.0 | 7.2 | 6.4 | 7.7 | 9.1 | 9.1 | 7.0 | 5.4 | 7.6 | 7.7 |
| Services | 7.7 | 7.5 | 7.0 | 8.0 | 9.2 | 7.7 | 7.0 | 5.4 | 7.4 | 7.5 |
| Agregated Sectors average | 7.8 | 7.8 | 7.1 | 7.9 | 8.8 | 10.2 | 8.0 | 5.9 | 7.9 | 7.3 |
| ratio of totals | 7.2 | 7.4 | 6.9 | 7.6 | 8.4 | 8.0 | 7.0 | 5.5 | 7.2 | |

III.D.5. GROSS JOB DESTRUCTION RATE OF EXITING ENTERPRISES IN AMADEUS SAMPLE BY AGREGATED SECTORS, 1999-2006

| Agregated Sectors | 1999 | 2000 | 2001 | 2002 | 2003 | 2004 | 2005 | 2006 | time average | ratio of time averages |
|---------------------------|------|------|------|------|------|------|------|------|--------------|------------------------|
| Primary sectors | 3.8 | 1.2 | 0.8 | 1.9 | 4.8 | 11.6 | 6.0 | 6.7 | 4.6 | 4.5 |
| Manufacturing sectors | 1.0 | 1.3 | 2.1 | 2.9 | 5.1 | 8.4 | 4.6 | 8.5 | 4.2 | 4.2 |
| Construction | 1.0 | 1.4 | 1.8 | 2.4 | 2.8 | 5.8 | 3.9 | 9.3 | 3.6 | 3.6 |
| Services | 0.9 | 1.2 | 1.7 | 2.4 | 3.6 | 4.7 | 5.5 | 10.9 | 3.9 | 3.9 |
| Agregated Sectors average | 1.7 | 1.3 | 1.6 | 2.4 | 4.1 | 7.6 | 5.0 | 8.9 | 4.1 | 4.0 |
| ratio of totals | 1.0 | 1.3 | 1.8 | 2.5 | 4.0 | 6.1 | 5.2 | 10.1 | 4.0 | |

III.D.6. GROSS JOB DESTRUCTION RATE OF TOTAL ENTERPRISES IN AMADEUS SAMPLE BY AGREGATED SECTORS, 1999-2006

| Agregated Sectors | 1999 | 2000 | 2001 | 2002 | 2003 | 2004 | 2005 | 2006 | time average | ratio of time averages |
|---------------------------|------|------|------|------|------|------|------|------|--------------|------------------------|
| Primary sectors | 12.5 | 10.5 | 9.4 | 11.1 | 15.4 | 28.9 | 17.7 | 14.0 | 14.9 | 15.3 |
| Manufacturing sectors | 6.9 | 8.2 | 8.5 | 9.5 | 11.5 | 15.1 | 10.8 | 14.0 | 10.6 | 10.6 |
| Construction | 10.0 | 8.5 | 8.2 | 10.2 | 12.0 | 14.9 | 10.9 | 14.7 | 11.2 | 11.2 |
| Services | 8.6 | 8.8 | 8.7 | 10.3 | 12.7 | 12.4 | 12.6 | 16.3 | 11.3 | 11.4 |
| Agregated Sectors average | 9.5 | 9.0 | 8.7 | 10.3 | 12.9 | 17.8 | 13.0 | 14.8 | 12.0 | 11.3 |
| ratio of totals | 8.2 | 8.6 | 8.6 | 10.1 | 12.4 | 14.1 | 12.1 | 15.5 | 11.2 | |

III.D.7. NET JOB CREATION RATE OF CONTINUING ENTERPRISES IN AMADEUS SAMPLE BY AGREGATED SECTORS, 1999-2006

| Agregated Sectors | 1999 | 2000 | 2001 | 2002 | 2003 | 2004 | 2005 | 2006 | time average | ratio of time averages |
|---------------------------|------|------|------|------|------|-------|------|------|--------------|------------------------|
| Primary sectors | -3.0 | -4.3 | -3.8 | -3.4 | -4.8 | -11.2 | -5.7 | -1.0 | -4.7 | -5.2 |
| Manufacturing sectors | 3.6 | 0.6 | 0.6 | -1.1 | -1.2 | 0.1 | -0.3 | 0.8 | 0.4 | 0.2 |
| Construction | 0.0 | 1.3 | 1.4 | 0.5 | -1.0 | -0.4 | 0.9 | 3.3 | 0.8 | 0.7 |
| Services | 4.3 | 3.6 | 2.7 | 0.3 | -0.7 | 2.6 | 2.4 | 3.3 | 2.3 | 2.1 |
| Agregated Sectors average | 1.2 | 0.3 | 0.2 | -0.9 | -1.9 | -2.2 | -0.7 | 1.6 | -0.3 | 1.2 |
| ratio of totals | 3.6 | 2.1 | 1.6 | -0.2 | -1.0 | 1.1 | 1.3 | 2.6 | 1.4 | |

III.D.8. NET JOB CREATION RATE OF ENTERING AND EXITING ENTERPRISES IN AMADEUS SAMPLE BY AGREGATED SECTORS, 1999-2006

| Agregated Sectors | 1999 | 2000 | 2001 | 2002 | 2003 | 2004 | 2005 | 2006 | time average | ratio of time averages |
|---------------------------|------|------|------|------|------|------|------|------|--------------|------------------------|
| Primary sectors | 9.0 | 0.5 | -0.1 | -0.8 | -2.9 | -9.2 | -4.1 | -6.5 | -1.7 | -2.4 |
| Manufacturing sectors | 0.8 | 0.8 | -1.0 | -1.5 | -4.3 | -7.6 | -3.9 | -8.2 | -3.1 | -3.0 |
| Construction | 2.3 | 0.9 | 0.1 | -0.2 | -1.4 | -4.4 | -2.6 | -8.3 | -1.7 | -1.8 |
| Services | 3.0 | 1.7 | 1.6 | -0.5 | -1.7 | -2.7 | -3.7 | -9.9 | -1.5 | -1.6 |
| Agregated Sectors average | 3.8 | 1.0 | 0.2 | -0.7 | -2.6 | -6.0 | -3.6 | -8.2 | -2.0 | -2.1 |
| ratio of totals | 2.3 | 1.3 | 0.6 | -0.8 | -2.5 | -4.5 | -3.7 | -9.3 | -2.0 | |

III.D.9. NET JOB CREATION RATE OF TOTAL ENTERPRISES IN AMADEUS SAMPLE BY AGREGATED SECTORS, 1999-2006

| Agregated Sectors | 1999 | 2000 | 2001 | 2002 | 2003 | 2004 | 2005 | 2006 | time average | ratio of time averages |
|---------------------------|------|------|------|------|------|-------|------|------|--------------|------------------------|
| Primary sectors | 6.0 | -3.8 | -3.9 | -4.2 | -7.8 | -20.4 | -9.8 | -7.4 | -6.4 | -7.6 |
| Manufacturing sectors | 4.4 | 1.4 | -0.4 | -2.6 | -5.4 | -7.5 | -4.1 | -7.3 | -2.7 | -2.8 |
| Construction | 2.3 | 2.2 | 1.5 | 0.4 | -2.5 | -4.8 | -1.7 | -5.0 | -0.9 | -1.1 |
| Services | 7.2 | 5.3 | 4.3 | -0.1 | -2.4 | -0.1 | -1.3 | -6.6 | 0.8 | 0.5 |
| Agregated Sectors average | 5.0 | 1.3 | 0.4 | -1.6 | -4.5 | -8.2 | -4.2 | -6.6 | -2.3 | -0.9 |
| ratio of totals | 5.9 | 3.4 | 2.3 | -1.0 | -3.5 | -3.4 | -2.4 | -6.7 | -0.7 | |

III.D.10. GROSS JOB REALLOCATION RATE OF CONTINUING ENTERPRISES IN AMADEUS SAMPLE BY AGREGATED SECTORS, 1999-2006

| Agregated Sectors | 1999 | 2000 | 2001 | 2002 | 2003 | 2004 | 2005 | 2006 | time average | ratio of time averages |
|---------------------------|------|------|------|------|------|------|------|------|--------------|------------------------|
| Primary sectors | 14.4 | 14.3 | 13.5 | 15.1 | 16.4 | 23.3 | 17.7 | 13.7 | 16.0 | 16.5 |
| Manufacturing sectors | 15.4 | 14.5 | 13.5 | 12.2 | 11.5 | 13.6 | 12.3 | 11.9 | 13.1 | 13.1 |
| Construction | 18.0 | 15.6 | 14.3 | 16.0 | 17.2 | 17.8 | 14.9 | 14.1 | 16.0 | 16.0 |
| Services | 19.6 | 18.7 | 16.7 | 16.3 | 17.6 | 18.1 | 16.5 | 14.2 | 17.2 | 17.1 |
| Agregated Sectors average | 16.8 | 15.8 | 14.5 | 14.9 | 15.7 | 18.2 | 15.3 | 13.5 | 15.6 | 15.8 |
| ratio of totals | 18.0 | 16.9 | 15.4 | 15.0 | 15.8 | 17.0 | 15.2 | 13.6 | 15.9 | |

III.D.11. GROSS JOB REALLOCATION RATE OF ENTERING AND EXITING ENTERPRISES IN AMADEUS SAMPLE BY AGREGATED SECTORS, 1999-2006

| Agregated Sectors | 1999 | 2000 | 2001 | 2002 | 2003 | 2004 | 2005 | 2006 | time average | ratio of time averages |
|---------------------------|------|------|------|------|------|------|------|------|--------------|------------------------|
| Primary sectors | 16.6 | 2.8 | 1.5 | 3.0 | 6.6 | 14.0 | 7.9 | 7.0 | 7.4 | 6.6 |
| Manufacturing sectors | 2.8 | 3.4 | 3.2 | 4.2 | 6.0 | 9.2 | 5.3 | 8.8 | 5.4 | 5.3 |
| Construction | 4.2 | 3.6 | 3.8 | 4.7 | 4.2 | 7.3 | 5.2 | 10.4 | 5.4 | 5.4 |
| Services | 4.8 | 4.1 | 5.0 | 4.3 | 5.4 | 6.7 | 7.4 | 11.9 | 6.2 | 6.2 |
| Agregated Sectors average | 7.1 | 3.5 | 3.4 | 4.1 | 5.6 | 9.3 | 6.5 | 9.5 | 6.1 | 5.9 |
| ratio of totals | 4.4 | 3.8 | 4.2 | 4.2 | 5.5 | 7.8 | 6.7 | 10.8 | 5.9 | |

III.D.12. GROSS JOB REALLOCATION RATE OF TOTAL ENTERPRISES IN AMADEUS SAMPLE BY AGREGATED SECTORS, 1999-2006

| Agregated Sectors | 1999 | 2000 | 2001 | 2002 | 2003 | 2004 | 2005 | 2006 | time average | ratio of time averages |
|---------------------------|------|------|------|------|------|------|------|------|--------------|------------------------|
| Primary sectors | 30.9 | 17.2 | 15.0 | 18.1 | 23.0 | 37.4 | 25.6 | 20.7 | 23.5 | 23.0 |
| Manufacturing sectors | 18.3 | 17.9 | 16.6 | 16.5 | 17.5 | 22.8 | 17.5 | 20.7 | 18.5 | 18.4 |
| Construction | 22.2 | 19.2 | 18.0 | 20.7 | 21.4 | 25.1 | 20.1 | 24.4 | 21.4 | 21.3 |
| Services | 24.4 | 22.8 | 21.7 | 20.6 | 23.0 | 24.8 | 23.9 | 26.1 | 23.4 | 23.3 |
| Agregated Sectors average | 24.0 | 19.3 | 17.8 | 18.9 | 21.3 | 27.5 | 21.8 | 23.0 | 21.7 | 21.7 |
| ratio of totals | 22.4 | 20.7 | 19.5 | 19.3 | 21.3 | 24.8 | 21.9 | 24.4 | 21.8 | |

III.D.13. EXCESS REALLOCATION RATE OF TOTAL ENTERPRISES IN AMADEUS SAMPLE BY AGREGATED SECTORS, 1999-2006

| Agregated Sectors | 1999 | 2000 | 2001 | 2002 | 2003 | 2004 | 2005 | 2006 | time average | ratio of time averages |
|---------------------------|------|------|------|------|------|------|------|------|--------------|------------------------|
| Primary sectors | 25.0 | 21.0 | 18.9 | 22.2 | 30.8 | 57.8 | 35.4 | 28.1 | 29.9 | 30.6 |
| Manufacturing sectors | 13.9 | 16.5 | 17.0 | 19.0 | 23.0 | 30.3 | 21.7 | 28.0 | 21.2 | 21.1 |
| Construction | 19.9 | 17.0 | 16.5 | 20.3 | 23.9 | 29.8 | 21.8 | 29.5 | 22.4 | 22.5 |
| Services | 17.2 | 17.6 | 17.4 | 20.7 | 25.5 | 24.9 | 25.1 | 32.6 | 22.6 | 22.8 |
| Agregated Sectors average | 19.0 | 18.0 | 17.4 | 20.6 | 25.8 | 35.7 | 26.0 | 29.6 | 24.0 | 22.6 |
| ratio of totals | 16.5 | 17.3 | 17.3 | 20.2 | 24.9 | 28.2 | 24.3 | 31.1 | 22.5 | |

ANNEX IV

**JOB FLOWS IN EUROPE. RESULTS BY
TECHNOLOGICAL AND KNOWLEDGE INTENSITY
SECTORS**

IV.A. FINAL SAMPLE OF FIRMS FROM AMADEUS DATABASE

IV.A.1. ENTERPRISES IN AMADEUS SAMPLE BY TECHNOLOGICAL AND KNOWLEDGE INTENSITY SECTORS, 1999-2006

| Technological and knowledge intensity sectors | 1999 | 2000 | 2001 | 2002 | 2003 | 2004 | 2005 | 2006 | time average |
|---------------------------------------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|
| High-technology manufacturing industries | 26,557 | 31,730 | 35,989 | 38,180 | 41,304 | 43,296 | 41,631 | 32,433 | 36,390 |
| Medium-high-technology manufacturing industries | 68,570 | 81,591 | 90,140 | 95,963 | 102,710 | 107,924 | 103,885 | 81,139 | 91,490 |
| Medium-low-technology manufacturing industries | 106,353 | 125,736 | 140,667 | 151,614 | 165,957 | 171,719 | 169,009 | 134,723 | 145,722 |
| Low-technology manufacturing industries | 159,142 | 195,764 | 220,091 | 236,145 | 276,179 | 288,223 | 282,642 | 199,682 | 232,234 |
| High-technology knowledge-intensive services | 47,748 | 64,726 | 77,985 | 87,318 | 100,865 | 114,732 | 116,288 | 83,456 | 86,640 |
| Market knowledge-intensive services | 326,860 | 424,468 | 513,115 | 568,592 | 645,625 | 716,330 | 726,602 | 576,189 | 562,223 |
| Other knowledge-intensive services | 116,703 | 145,093 | 174,856 | 195,044 | 228,747 | 249,279 | 251,820 | 202,623 | 195,521 |
| Market services less knowledge-intensive services | 699,013 | 862,902 | 1,025,743 | 1,114,232 | 1,323,517 | 1,459,117 | 1,482,773 | 1,066,671 | 1,129,246 |
| Less knowledge-intensive services | 32,578 | 42,053 | 52,397 | 59,094 | 68,715 | 75,121 | 80,203 | 59,388 | 58,694 |
| TOTAL | 1,583,524 | 1,974,063 | 2,330,983 | 2,546,182 | 2,953,619 | 3,225,741 | 3,254,853 | 2,436,304 | 2,538,159 |

IV.A.2. PERCENTAGE OF CONTINUING ENTERPRISES IN AMADEUS SAMPLE BY TECHNOLOGICAL AND KNOWLEDGE INTENSITY SECTORS. 1999-2006

| Technological and knowledge intensity sectors | 1999 | 2000 | 2001 | 2002 | 2003 | 2004 | 2005 | 2006 | time average | ratio of time averages |
|-------------------------------------------------------|------|------|------|------|------|------|------|------|--------------|------------------------|
| High-technology manufacturing industries | 95.9 | 95.8 | 96.8 | 96.4 | 97.1 | 97.1 | 97.6 | 98.4 | 96.9 | 96.9 |
| Medium-high-technology manufacturing industries | 96.4 | 96.3 | 96.7 | 96.4 | 97.6 | 97.4 | 97.7 | 98.7 | 97.1 | 97.2 |
| Medium-low-technology manufacturing industries | 96.2 | 96.1 | 96.2 | 95.8 | 97.0 | 96.5 | 97.1 | 98.8 | 96.7 | 96.7 |
| Low-technology manufacturing industries | 95.8 | 95.9 | 96.1 | 95.8 | 96.6 | 96.3 | 97.1 | 98.8 | 96.5 | 96.6 |
| High-technology knowledge-intensive services | 88.0 | 87.3 | 89.4 | 90.9 | 92.9 | 93.2 | 94.2 | 96.8 | 91.6 | 92.1 |
| Market knowledge-intensive services | 92.5 | 92.3 | 93.3 | 93.0 | 93.6 | 93.2 | 94.0 | 96.8 | 93.6 | 93.7 |
| Other knowledge-intensive services | 93.8 | 93.6 | 94.2 | 93.3 | 94.5 | 94.7 | 95.2 | 97.7 | 94.6 | 94.7 |
| Market services less knowledge-intensive services | 94.8 | 94.4 | 94.7 | 94.6 | 95.2 | 95.0 | 95.8 | 98.1 | 95.3 | 95.4 |
| Less knowledge-intensive services | 91.7 | 91.2 | 92.5 | 92.4 | 93.4 | 93.6 | 94.2 | 96.4 | 93.2 | 93.4 |
| Technological and knowledge intensity sectors average | 93.9 | 93.6 | 94.4 | 94.3 | 95.3 | 95.2 | 95.9 | 97.8 | 95.1 | 95.1 |
| ratio of totals | 94.3 | 93.9 | 94.4 | 94.2 | 95.0 | 94.8 | 95.5 | 97.8 | 95.0 | |

IV.A.3. PERCENTAGE OF CONTINUING EMPLOYMENT CREATOR ENTERPRISES IN AMADEUS SAMPLE BY TECHNOLOGICAL AND KNOWLEDGE INTENSITY SECTORS. 1999-2006

| Technological and knowledge intensity sectors | 1999 | 2000 | 2001 | 2002 | 2003 | 2004 | 2005 | 2006 | time average | ratio of time averages |
|-------------------------------------------------------|------|------|------|------|------|------|------|------|--------------|------------------------|
| High-technology manufacturing industries | 30.7 | 30.9 | 27.7 | 25.2 | 24.8 | 25.1 | 26.1 | 25.6 | 27.0 | 26.7 |
| Medium-high-technology manufacturing industries | 33.3 | 34.8 | 32.9 | 28.4 | 28.5 | 26.6 | 29.1 | 28.7 | 30.3 | 30.0 |
| Medium-low-technology manufacturing industries | 32.3 | 33.8 | 30.9 | 27.1 | 28.1 | 26.3 | 28.3 | 28.8 | 29.5 | 29.2 |
| Low-technology manufacturing industries | 29.1 | 30.2 | 26.9 | 25.4 | 26.1 | 26.3 | 26.9 | 26.7 | 27.2 | 27.0 |
| High-technology knowledge-intensive services | 32.6 | 29.2 | 26.4 | 23.6 | 22.7 | 24.2 | 26.7 | 25.5 | 26.4 | 25.8 |
| Market knowledge-intensive services | 21.0 | 19.5 | 17.4 | 17.1 | 17.6 | 18.5 | 19.6 | 19.6 | 18.8 | 18.7 |
| Other knowledge-intensive services | 23.1 | 21.9 | 19.8 | 19.5 | 19.5 | 20.5 | 20.7 | 22.2 | 20.9 | 20.7 |
| Market services less knowledge-intensive services | 25.9 | 24.6 | 21.9 | 21.4 | 22.7 | 25.0 | 24.5 | 25.2 | 23.9 | 23.8 |
| Less knowledge-intensive services | 25.1 | 23.5 | 20.9 | 21.4 | 22.5 | 24.6 | 24.1 | 24.0 | 23.3 | 23.3 |
| Technological and knowledge intensity sectors average | 28.1 | 27.6 | 25.0 | 23.2 | 23.6 | 24.1 | 25.1 | 25.1 | 25.2 | 23.4 |
| ratio of totals | 26.0 | 25.1 | 22.4 | 21.4 | 22.2 | 23.4 | 23.8 | 24.0 | 23.5 | |

IV.A.4. PERCENTAGE OF CONTINUING EMPLOYMENT DESTROYER ENTERPRISES IN AMADEUS SAMPLE BY TECHNOLOGICAL AND KNOWLEDGE INTENSITY SECTORS. 1999-2006

| Technological and knowledge intensity sectors | 1999 | 2000 | 2001 | 2002 | 2003 | 2004 | 2005 | 2006 | time average | ratio of time averages |
|-------------------------------------------------------|------|------|------|------|------|------|------|------|--------------|------------------------|
| High-technology manufacturing industries | 20.0 | 18.2 | 17.4 | 21.2 | 23.1 | 21.3 | 22.6 | 19.2 | 20.4 | 20.6 |
| Medium-high-technology manufacturing industries | 23.8 | 21.2 | 21.0 | 24.7 | 26.8 | 26.4 | 27.1 | 23.4 | 24.3 | 24.5 |
| Medium-low-technology manufacturing industries | 22.7 | 20.4 | 20.2 | 23.4 | 25.5 | 24.2 | 25.5 | 22.7 | 23.1 | 23.3 |
| Low-technology manufacturing industries | 24.2 | 22.6 | 22.7 | 23.9 | 25.7 | 24.8 | 27.3 | 23.2 | 24.3 | 24.5 |
| High-technology knowledge-intensive services | 12.9 | 13.5 | 15.3 | 19.0 | 20.5 | 18.3 | 17.7 | 15.8 | 16.6 | 17.2 |
| Market knowledge-intensive services | 14.7 | 13.4 | 12.9 | 14.6 | 15.0 | 14.1 | 14.5 | 13.0 | 14.0 | 14.0 |
| Other knowledge-intensive services | 18.3 | 17.1 | 15.3 | 15.5 | 16.2 | 14.2 | 16.9 | 13.2 | 15.8 | 15.7 |
| Market services less knowledge-intensive services | 16.5 | 16.1 | 16.4 | 16.7 | 18.4 | 17.4 | 20.5 | 16.5 | 17.3 | 17.5 |
| Less knowledge-intensive services | 16.8 | 16.1 | 15.9 | 16.7 | 18.2 | 17.3 | 19.7 | 17.2 | 17.2 | 17.5 |
| Technological and knowledge intensity sectors average | 18.9 | 17.6 | 17.5 | 19.5 | 21.0 | 19.8 | 21.3 | 18.2 | 19.2 | 17.9 |
| ratio of totals | 17.7 | 16.7 | 16.5 | 17.7 | 19.0 | 17.8 | 19.8 | 16.5 | 17.7 | |

IV.A.5. PERCENTAGE OF CONTINUING EMPLOYMENT STABLE ENTERPRISES IN AMADEUS SAMPLE BY TECHNOLOGICAL AND KNOWLEDGE INTENSITY SECTORS. 1999-2006

| Technological and knowledge intensity sectors | 1999 | 2000 | 2001 | 2002 | 2003 | 2004 | 2005 | 2006 | time average | ratio of time averages |
|-------------------------------------------------------|------|------|------|------|------|------|------|------|--------------|------------------------|
| High-technology manufacturing industries | 45.2 | 46.8 | 51.6 | 49.9 | 49.2 | 50.6 | 48.9 | 53.5 | 49.5 | 49.6 |
| Medium-high-technology manufacturing industries | 39.3 | 40.2 | 42.8 | 43.3 | 42.4 | 44.3 | 41.5 | 46.5 | 42.5 | 42.6 |
| Medium-low-technology manufacturing industries | 41.1 | 41.8 | 45.1 | 45.2 | 43.4 | 46.0 | 43.3 | 47.3 | 44.2 | 44.3 |
| Low-technology manufacturing industries | 42.5 | 43.1 | 46.5 | 46.5 | 44.7 | 45.2 | 42.9 | 48.8 | 45.0 | 45.1 |
| High-technology knowledge-intensive services | 42.6 | 44.5 | 47.7 | 48.2 | 49.7 | 50.7 | 49.8 | 55.5 | 48.6 | 49.2 |
| Market knowledge-intensive services | 56.8 | 59.4 | 63.0 | 61.3 | 60.9 | 60.6 | 59.9 | 64.2 | 60.8 | 61.0 |
| Other knowledge-intensive services | 52.4 | 54.5 | 59.1 | 58.2 | 58.9 | 60.0 | 57.6 | 62.3 | 57.9 | 58.4 |
| Market services less knowledge-intensive services | 52.4 | 53.7 | 56.3 | 56.4 | 54.1 | 52.7 | 50.9 | 56.4 | 54.1 | 54.0 |
| Less knowledge-intensive services | 49.8 | 51.6 | 55.7 | 54.3 | 52.6 | 51.6 | 50.4 | 55.3 | 52.7 | 52.7 |
| Technological and knowledge intensity sectors average | 46.9 | 48.4 | 52.0 | 51.5 | 50.7 | 51.3 | 49.5 | 54.4 | 50.6 | 53.8 |
| ratio of totals | 50.5 | 52.1 | 55.5 | 55.1 | 53.8 | 53.6 | 51.9 | 57.2 | 53.7 | |

IV.A.6 PERCENTAGE OF ENTERING ENTERPRISES IN AMADEUS SAMPLE BY TECHNOLOGICAL AND KNOWLEDGE INTENSITY SECTORS. 1999-2006

| Technological and knowledge intensity sectors | 1999 | 2000 | 2001 | 2002 | 2003 | 2004 | 2005 | 2006 | time average | ratio of time averages |
|-------------------------------------------------------|------|------|------|------|------|------|------|------|--------------|------------------------|
| High-technology manufacturing industries | 4.1 | 4.2 | 3.2 | 3.6 | 2.9 | 2.9 | 2.4 | 1.6 | 3.1 | 3.1 |
| Medium-high-technology manufacturing industries | 3.6 | 3.7 | 3.3 | 3.6 | 2.4 | 2.6 | 2.3 | 1.3 | 2.9 | 2.8 |
| Medium-low-technology manufacturing industries | 3.8 | 3.9 | 3.8 | 4.2 | 3.0 | 3.5 | 2.9 | 1.2 | 3.3 | 3.3 |
| Low-technology manufacturing industries | 4.2 | 4.1 | 3.9 | 4.2 | 3.4 | 3.7 | 2.9 | 1.2 | 3.5 | 3.4 |
| High-technology knowledge-intensive services | 12.0 | 12.7 | 10.6 | 9.1 | 7.1 | 6.8 | 5.8 | 3.2 | 8.4 | 7.9 |
| Market knowledge-intensive services | 7.5 | 7.7 | 6.7 | 7.0 | 6.4 | 6.8 | 6.0 | 3.2 | 6.4 | 6.3 |
| Other knowledge-intensive services | 6.2 | 6.4 | 5.8 | 6.7 | 5.5 | 5.3 | 4.8 | 2.3 | 5.4 | 5.3 |
| Market services less knowledge-intensive services | 5.2 | 5.6 | 5.3 | 5.4 | 4.8 | 5.0 | 4.2 | 1.9 | 4.7 | 4.6 |
| Less knowledge-intensive services | 8.3 | 8.8 | 7.5 | 7.6 | 6.6 | 6.4 | 5.8 | 3.6 | 6.8 | 6.6 |
| Technological and knowledge intensity sectors average | 6.1 | 6.4 | 5.6 | 5.7 | 4.7 | 4.8 | 4.1 | 2.2 | 4.9 | 4.9 |
| ratio of totals | 5.7 | 6.1 | 5.6 | 5.8 | 5.0 | 5.2 | 4.5 | 2.2 | 5.0 | |

IV.A.7. PERCENTAGE OF EXITING ENTERPRISES IN AMADEUS SAMPLE BY TECHNOLOGICAL AND KNOWLEDGE INTENSITY SECTORS. 1999-2006

| Technological and knowledge intensity sectors | 1999 | 2000 | 2001 | 2002 | 2003 | 2004 | 2005 | 2006 | time average | ratio of time averages |
|-------------------------------------------------------|------|------|------|------|------|------|------|------|--------------|------------------------|
| High-technology manufacturing industries | 1.1 | 1.2 | 1.8 | 3.2 | 4.3 | 4.9 | 5.7 | 11.6 | 4.2 | 4.3 |
| Medium-high-technology manufacturing industries | 1.3 | 1.3 | 1.9 | 2.6 | 4.0 | 4.6 | 5.0 | 9.7 | 3.8 | 3.9 |
| Medium-low-technology manufacturing industries | 1.2 | 1.3 | 1.9 | 2.5 | 4.0 | 4.7 | 4.9 | 9.5 | 3.8 | 3.9 |
| Low-technology manufacturing industries | 1.7 | 1.7 | 2.6 | 3.4 | 4.5 | 5.9 | 5.7 | 11.4 | 4.6 | 4.7 |
| High-technology knowledge-intensive services | 1.6 | 2.4 | 4.0 | 5.2 | 6.3 | 6.2 | 6.9 | 15.3 | 6.0 | 6.4 |
| Market knowledge-intensive services | 1.2 | 1.5 | 2.4 | 5.3 | 5.2 | 6.3 | 7.9 | 16.5 | 5.8 | 6.3 |
| Other knowledge-intensive services | 1.1 | 1.9 | 2.5 | 5.4 | 5.4 | 6.6 | 10.3 | 15.9 | 6.1 | 6.8 |
| Market services less knowledge-intensive services | 1.2 | 1.4 | 2.2 | 3.3 | 4.2 | 5.2 | 5.7 | 12.3 | 4.5 | 4.7 |
| Less knowledge-intensive services | 1.7 | 2.2 | 2.9 | 4.4 | 8.4 | 6.7 | 6.6 | 15.3 | 6.0 | 6.6 |
| Technological and knowledge intensity sectors average | 1.3 | 1.7 | 2.5 | 3.9 | 5.2 | 5.7 | 6.5 | 13.1 | 5.0 | 5.3 |
| ratio of totals | 1.3 | 1.5 | 2.4 | 3.9 | 4.7 | 5.7 | 6.5 | 13.5 | 4.9 | |

IV.B. EMPLOYEES DISTRIBUTION BY FIRM TYPES IN AMADEUS DATABASE

IV.B.1. EMPLOYEES IN AMADEUS SAMPLE BY TECHNOLOGICAL AND KNOWLEDGE INTENSITY SECTORS, 1999-2006

| Technological and knowledge intensity sectors | 1999 | 2000 | 2001 | 2002 | 2003 | 2004 | 2005 | 2006 | time average |
|----------------------------------------------------------|-------------------|--------------------|--------------------|--------------------|--------------------|--------------------|--------------------|--------------------|---------------------|
| High-technology manufacturing industries | 4,013,181 | 5,509,984 | 6,141,485 | 6,479,016 | 5,873,256 | 5,231,168 | 4,798,197 | 3,815,220 | 5,232,688 |
| Medium-high-technology manufacturing industries | 9,932,791 | 14,177,914 | 14,998,537 | 14,792,994 | 14,847,416 | 14,106,194 | 12,996,848 | 9,742,815 | 13,199,439 |
| Medium-low-technology manufacturing industries | 6,920,999 | 10,905,649 | 11,601,204 | 11,630,297 | 11,417,412 | 10,657,893 | 10,267,034 | 7,232,692 | 10,079,148 |
| Low-technology manufacturing industries | 10,622,947 | 14,186,434 | 15,162,850 | 15,584,728 | 15,984,301 | 15,311,604 | 14,372,392 | 9,801,530 | 13,878,348 |
| High-technology knowledge-intensive services | 4,050,181 | 6,271,613 | 7,795,447 | 8,706,707 | 8,464,009 | 7,968,491 | 7,701,737 | 5,272,751 | 7,028,867 |
| Market knowledge-intensive services | 20,504,999 | 24,603,508 | 28,267,758 | 30,547,691 | 31,915,868 | 33,974,804 | 33,759,751 | 30,536,785 | 29,263,896 |
| Other knowledge-intensive services | 5,325,184 | 6,249,838 | 7,052,820 | 7,611,131 | 7,679,714 | 7,658,893 | 7,566,646 | 6,356,465 | 6,937,586 |
| Market services less knowledge-intensive services | 22,570,381 | 27,134,084 | 32,683,061 | 35,399,981 | 37,458,026 | 38,374,987 | 37,808,884 | 28,701,000 | 32,516,301 |
| Less knowledge-intensive services | 1,141,165 | 1,447,262 | 1,843,389 | 2,004,374 | 2,253,027 | 2,209,889 | 2,168,905 | 1,647,592 | 1,839,450 |
| TOTAL | 85,081,828 | 110,486,286 | 125,546,551 | 132,756,919 | 135,893,029 | 135,493,923 | 131,440,394 | 103,106,850 | 119,975,723 |

IV.B.2. PROPORTION OF CONTINUING FIRMS EMPLOYEES IN TOTAL EMPLOYEES IN AMADEUS SAMPLE BY TECHNOLOGICAL AND KNOWLEDGE INTENSITY SECTORS. 1999-2006

| Technological and knowledge intensity sectors | 1999 | 2000 | 2001 | 2002 | 2003 | 2004 | 2005 | 2006 | time average | ratio of time averages |
|-------------------------------------------------------|------|------|------|------|------|------|------|------|--------------|------------------------|
| High-technology manufacturing industries | 98.9 | 98.4 | 98.8 | 98.1 | 95.2 | 93.8 | 98.1 | 95.1 | 97.0 | 97.1 |
| Medium-high-technology manufacturing industries | 98.9 | 98.4 | 98.6 | 98.6 | 97.9 | 95.8 | 97.6 | 95.9 | 97.7 | 97.7 |
| Medium-low-technology manufacturing industries | 98.3 | 98.4 | 98.4 | 97.6 | 97.7 | 94.3 | 97.6 | 95.1 | 97.2 | 97.2 |
| Low-technology manufacturing industries | 98.3 | 98.2 | 98.0 | 97.3 | 96.3 | 96.3 | 96.7 | 95.8 | 97.1 | 97.1 |
| High-technology knowledge-intensive services | 96.6 | 98.5 | 94.4 | 96.7 | 96.2 | 96.1 | 97.7 | 93.0 | 96.2 | 96.2 |
| Market knowledge-intensive services | 97.4 | 97.6 | 97.2 | 97.5 | 96.9 | 96.3 | 95.0 | 93.8 | 96.5 | 96.4 |
| Other knowledge-intensive services | 97.0 | 96.8 | 97.5 | 96.3 | 96.9 | 94.6 | 96.0 | 93.3 | 96.0 | 96.0 |
| Market services less knowledge-intensive services | 97.9 | 97.5 | 97.8 | 98.0 | 97.5 | 97.0 | 96.9 | 94.4 | 97.1 | 97.1 |
| Less knowledge-intensive services | 96.6 | 96.8 | 96.7 | 97.1 | 93.5 | 95.1 | 94.4 | 93.5 | 95.5 | 95.3 |
| Technological and knowledge intensity sectors average | 97.8 | 97.8 | 97.5 | 97.5 | 96.5 | 95.5 | 96.6 | 94.4 | 96.7 | 96.9 |
| ratio of totals | 97.9 | 97.9 | 97.6 | 97.6 | 97.0 | 96.0 | 96.5 | 94.4 | 96.9 | |

IV.B.3. PROPORTION OF EMPLOYMENT CREATOR CONTINUING FIRMS EMPLOYEES IN TOTAL EMPLOYEES IN AMADEUS SAMPLE BY TECHNOLOGICAL AND KNOWLEDGE INTENSITY SECTORS. 1999-2006

| Technological and knowledge intensity sectors | 1999 | 2000 | 2001 | 2002 | 2003 | 2004 | 2005 | 2006 | time average | ratio of time averages |
|-------------------------------------------------------|------|------|------|------|------|------|------|------|--------------|------------------------|
| High-technology manufacturing industries | 61.3 | 45.3 | 56.3 | 35.8 | 29.7 | 38.7 | 53.6 | 47.9 | 46.1 | 45.1 |
| Medium-high-technology manufacturing industries | 47.1 | 48.6 | 42.4 | 31.6 | 40.4 | 38.2 | 41.5 | 42.7 | 41.6 | 41.2 |
| Medium-low-technology manufacturing industries | 43.6 | 50.4 | 44.0 | 34.6 | 34.6 | 37.8 | 43.7 | 43.0 | 41.5 | 41.2 |
| Low-technology manufacturing industries | 42.6 | 48.2 | 40.8 | 40.0 | 37.6 | 37.6 | 39.3 | 39.0 | 40.6 | 40.6 |
| High-technology knowledge-intensive services | 59.9 | 62.6 | 51.6 | 44.3 | 30.5 | 33.8 | 50.2 | 49.2 | 47.8 | 46.2 |
| Market knowledge-intensive services | 57.3 | 57.2 | 50.1 | 45.5 | 43.9 | 47.7 | 54.7 | 59.1 | 51.9 | 51.5 |
| Other knowledge-intensive services | 58.0 | 54.1 | 47.4 | 43.1 | 44.6 | 42.6 | 44.9 | 46.9 | 47.7 | 47.1 |
| Market services less knowledge-intensive services | 50.9 | 49.7 | 44.9 | 43.6 | 45.0 | 43.2 | 44.8 | 44.5 | 45.8 | 45.4 |
| Less knowledge-intensive services | 47.6 | 45.6 | 41.0 | 44.6 | 40.7 | 40.3 | 41.7 | 44.7 | 43.3 | 42.8 |
| Technological and knowledge intensity sectors average | 52.0 | 51.3 | 46.5 | 40.4 | 38.5 | 40.0 | 46.0 | 46.3 | 45.1 | 45.6 |
| ratio of totals | 51.7 | 51.8 | 46.3 | 41.2 | 40.8 | 41.9 | 46.9 | 48.5 | 46.1 | |

IV.B.4. PERCENTAGE OF CONTINUING EMPLOYMENT DESTROYER ENTERPRISES IN AMADEUS SAMPLE BY TECHNOLOGICAL AND KNOWLEDGE INTENSITY SECTORS. 1999-2006

| Technological and knowledge intensity sectors | 1999 | 2000 | 2001 | 2002 | 2003 | 2004 | 2005 | 2006 | time average | ratio of time averages |
|-------------------------------------------------------|------|------|------|------|------|------|------|------|--------------|------------------------|
| High-technology manufacturing industries | 29.7 | 45.4 | 33.2 | 53.5 | 53.7 | 44.8 | 33.3 | 35.2 | 41.1 | 42.1 |
| Medium-high-technology manufacturing industries | 40.5 | 40.8 | 45.8 | 55.3 | 40.5 | 45.1 | 44.0 | 39.2 | 43.9 | 44.3 |
| Medium-low-technology manufacturing industries | 37.4 | 35.5 | 37.4 | 46.3 | 39.5 | 38.8 | 36.8 | 33.0 | 38.1 | 38.4 |
| Low-technology manufacturing industries | 39.0 | 36.3 | 38.4 | 41.9 | 39.6 | 41.4 | 41.6 | 38.3 | 39.6 | 39.7 |
| High-technology knowledge-intensive services | 29.6 | 28.7 | 30.2 | 45.8 | 52.9 | 53.5 | 38.6 | 33.8 | 39.1 | 40.6 |
| Market knowledge-intensive services | 29.8 | 29.2 | 31.7 | 39.2 | 40.3 | 35.3 | 27.5 | 23.8 | 32.1 | 32.3 |
| Other knowledge-intensive services | 24.5 | 27.0 | 32.0 | 34.3 | 32.0 | 29.9 | 29.4 | 26.3 | 29.4 | 29.7 |
| Market services less knowledge-intensive services | 28.3 | 28.6 | 27.8 | 35.4 | 32.3 | 34.8 | 33.3 | 29.4 | 31.3 | 31.6 |
| Less knowledge-intensive services | 28.7 | 31.2 | 26.1 | 30.5 | 33.1 | 31.1 | 33.9 | 28.5 | 30.4 | 30.6 |
| Technological and knowledge intensity sectors average | 31.9 | 33.6 | 33.6 | 42.5 | 40.4 | 39.4 | 35.4 | 32.0 | 36.1 | 35.6 |
| ratio of totals | 32.1 | 32.8 | 33.6 | 41.6 | 38.7 | 38.2 | 34.1 | 30.0 | 35.2 | |

IV.B.5. PERCENTAGE OF CONTINUING EMPLOYMENT STABLE ENTERPRISES IN AMADEUS SAMPLE BY TECHNOLOGICAL AND KNOWLEDGE INTENSITY SECTORS. 1999-2006

| Technological and knowledge intensity sectors | 1999 | 2000 | 2001 | 2002 | 2003 | 2004 | 2005 | 2006 | time average | ratio of time averages |
|-------------------------------------------------------|------|------|------|------|------|------|------|------|--------------|------------------------|
| High-technology manufacturing industries | 7.9 | 7.6 | 9.3 | 8.8 | 11.8 | 10.3 | 11.2 | 12.0 | 9.9 | 9.8 |
| Medium-high-technology manufacturing industries | 11.2 | 8.9 | 10.4 | 11.7 | 17.0 | 12.5 | 12.0 | 13.9 | 12.2 | 12.2 |
| Medium-low-technology manufacturing industries | 17.3 | 12.5 | 17.0 | 16.7 | 23.7 | 17.7 | 17.0 | 19.0 | 17.6 | 17.6 |
| Low-technology manufacturing industries | 16.7 | 13.7 | 18.7 | 15.4 | 19.2 | 17.2 | 15.8 | 18.5 | 16.9 | 16.9 |
| High-technology knowledge-intensive services | 7.1 | 7.1 | 12.6 | 6.7 | 12.9 | 8.8 | 8.9 | 10.0 | 9.3 | 9.4 |
| Market knowledge-intensive services | 10.4 | 11.1 | 15.4 | 12.8 | 12.7 | 13.3 | 12.8 | 10.9 | 12.4 | 12.5 |
| Other knowledge-intensive services | 14.5 | 15.7 | 18.1 | 18.8 | 20.4 | 22.1 | 21.7 | 20.2 | 18.9 | 19.2 |
| Market services less knowledge-intensive services | 18.7 | 19.2 | 25.1 | 18.9 | 20.1 | 19.0 | 18.8 | 20.6 | 20.0 | 20.0 |
| Less knowledge-intensive services | 20.3 | 20.1 | 29.6 | 22.0 | 19.7 | 23.6 | 18.8 | 20.2 | 21.8 | 21.9 |
| Technological and knowledge intensity sectors average | 13.8 | 12.9 | 17.4 | 14.6 | 17.5 | 16.1 | 15.2 | 16.1 | 15.5 | 15.7 |
| ratio of totals | 14.1 | 13.3 | 17.8 | 14.8 | 17.4 | 15.9 | 15.4 | 15.9 | 15.6 | |

IV.B.6. PERCENTAGE OF ENTERING ENTERPRISES IN AMADEUS SAMPLE BY TECHNOLOGICAL AND KNOWLEDGE INTENSITY SECTORS. 1999-2006

| Technological and knowledge intensity sectors | 1999 | 2000 | 2001 | 2002 | 2003 | 2004 | 2005 | 2006 | time average | ratio of time averages |
|-------------------------------------------------------|------|------|------|------|------|------|------|------|--------------|------------------------|
| High-technology manufacturing industries | 0.8 | 1.4 | 0.4 | 0.4 | 0.3 | 0.2 | 0.2 | 0.2 | 0.5 | 0.5 |
| Medium-high-technology manufacturing industries | 0.8 | 0.9 | 0.6 | 0.4 | 0.5 | 0.4 | 0.4 | 0.1 | 0.5 | 0.5 |
| Medium-low-technology manufacturing industries | 1.0 | 0.9 | 0.6 | 0.8 | 0.4 | 0.5 | 0.3 | 0.2 | 0.6 | 0.6 |
| Low-technology manufacturing industries | 1.0 | 1.2 | 0.6 | 1.0 | 0.5 | 0.5 | 0.4 | 0.2 | 0.7 | 0.7 |
| High-technology knowledge-intensive services | 3.0 | 1.1 | 4.7 | 0.9 | 0.4 | 0.9 | 0.5 | 0.3 | 1.5 | 1.4 |
| Market knowledge-intensive services | 2.3 | 1.8 | 1.7 | 1.2 | 1.4 | 1.4 | 1.3 | 0.5 | 1.4 | 1.4 |
| Other knowledge-intensive services | 2.6 | 2.4 | 1.8 | 1.6 | 1.2 | 1.4 | 1.0 | 0.5 | 1.6 | 1.5 |
| Market services less knowledge-intensive services | 1.4 | 1.6 | 1.4 | 1.0 | 0.7 | 0.8 | 0.8 | 0.5 | 1.0 | 1.0 |
| Less knowledge-intensive services | 2.0 | 2.0 | 1.6 | 1.4 | 1.0 | 1.3 | 0.8 | 0.4 | 1.3 | 1.2 |
| Technological and knowledge intensity sectors average | 1.6 | 1.5 | 1.5 | 1.0 | 0.7 | 0.8 | 0.6 | 0.3 | 1.0 | 1.0 |
| ratio of totals | 1.6 | 1.5 | 1.4 | 1.0 | 0.8 | 0.9 | 0.8 | 0.4 | 1.0 | |

IV.B.7. PERCENTAGE OF EXITING ENTERPRISES IN AMADEUS SAMPLE BY TECHNOLOGICAL AND KNOWLEDGE INTENSITY SECTORS. 1999-2006

| Technological and knowledge intensity sectors | 1999 | 2000 | 2001 | 2002 | 2003 | 2004 | 2005 | 2006 | time average | ratio of time averages |
|-------------------------------------------------------|------|------|------|------|------|------|------|------|--------------|------------------------|
| High-technology manufacturing industries | 0.2 | 0.3 | 0.7 | 1.5 | 4.5 | 6.0 | 1.7 | 4.8 | 2.5 | 2.4 |
| Medium-high-technology manufacturing industries | 0.4 | 0.7 | 0.8 | 1.0 | 1.6 | 3.9 | 2.1 | 4.0 | 1.8 | 1.8 |
| Medium-low-technology manufacturing industries | 0.7 | 0.7 | 1.0 | 1.7 | 1.9 | 5.2 | 2.1 | 4.7 | 2.2 | 2.2 |
| Low-technology manufacturing industries | 0.6 | 0.7 | 1.4 | 1.7 | 3.2 | 3.2 | 2.9 | 4.0 | 2.2 | 2.2 |
| High-technology knowledge-intensive services | 0.4 | 0.4 | 0.9 | 2.4 | 3.4 | 3.0 | 1.8 | 6.7 | 2.4 | 2.4 |
| Market knowledge-intensive services | 0.3 | 0.7 | 1.1 | 1.3 | 1.7 | 2.3 | 3.8 | 5.7 | 2.1 | 2.3 |
| Other knowledge-intensive services | 0.4 | 0.8 | 0.8 | 2.1 | 1.9 | 3.9 | 3.0 | 6.2 | 2.4 | 2.4 |
| Market services less knowledge-intensive services | 0.6 | 0.8 | 0.8 | 1.0 | 1.8 | 2.3 | 2.4 | 5.1 | 1.8 | 1.9 |
| Less knowledge-intensive services | 1.4 | 1.2 | 1.7 | 1.5 | 5.5 | 3.7 | 4.8 | 6.1 | 3.2 | 3.4 |
| Technological and knowledge intensity sectors average | 0.6 | 0.7 | 1.0 | 1.6 | 2.8 | 3.7 | 2.7 | 5.3 | 2.3 | 2.1 |
| ratio of totals | 0.5 | 0.7 | 1.0 | 1.4 | 2.2 | 3.1 | 2.8 | 5.2 | 2.1 | |

IV.C. JOB FLOWS

IV.C.1. GROSS EMPLOYMENT CREATED BY CONTINUING ENTERPRISES IN AMADEUS SAMPLE BY TECHNOLOGICAL AND KNOWLEDGE INTENSITY SECTORS, 1999-2006

| Technological and knowledge intensity sectors | 1999 | 2000 | 2001 | 2002 | 2003 | 2004 | 2005 | 2006 | time average |
|---------------------------------------------------|------------------|-------------------|-------------------|------------------|-------------------|-------------------|-------------------|------------------|-------------------|
| High-technology manufacturing industries | 567,156 | 403,794 | 648,137 | 301,872 | 296,040 | 359,809 | 251,646 | 278,977 | 388,429 |
| Medium-high-technology manufacturing industries | 679,699 | 874,363 | 907,052 | 632,899 | 716,070 | 774,153 | 668,845 | 544,380 | 724,683 |
| Medium-low-technology manufacturing industries | 945,129 | 859,414 | 748,551 | 776,367 | 561,792 | 940,433 | 698,325 | 500,498 | 753,814 |
| Low-technology manufacturing industries | 805,245 | 1,235,096 | 1,069,214 | 987,526 | 917,507 | 1,026,796 | 920,526 | 626,794 | 948,588 |
| High-technology knowledge-intensive services | 489,849 | 809,019 | 918,725 | 872,857 | 444,548 | 594,050 | 496,599 | 335,968 | 620,202 |
| Market knowledge-intensive services | 2,842,152 | 3,506,476 | 3,088,579 | 2,715,587 | 2,986,212 | 3,442,291 | 3,527,976 | 3,029,836 | 3,142,389 |
| Other knowledge-intensive services | 672,914 | 661,910 | 686,473 | 627,649 | 738,813 | 755,844 | 751,932 | 581,185 | 684,590 |
| Market services less knowledge-intensive services | 2,356,860 | 2,807,791 | 3,068,384 | 2,542,891 | 3,184,268 | 3,996,448 | 3,147,244 | 2,261,830 | 2,920,715 |
| Less knowledge-intensive services | 119,956 | 143,256 | 168,754 | 157,990 | 265,708 | 267,361 | 220,251 | 162,815 | 188,261 |
| TOTAL | 9,478,960 | 11,301,119 | 11,303,869 | 9,615,638 | 10,110,958 | 12,157,185 | 10,683,344 | 8,322,283 | 10,371,670 |

IV.C.2. GROSS EMPLOYMENT DESTROYED BY CONTINUING ENTERPRISES IN AMADEUS SAMPLE BY TECHNOLOGICAL AND KNOWLEDGE INTENSITY SECTORS, 1999-2006

| Technological and knowledge intensity sectors | 1999 | 2000 | 2001 | 2002 | 2003 | 2004 | 2005 | 2006 | time average |
|---------------------------------------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|
| High-technology manufacturing industries | 253,445 | 234,048 | 305,172 | 470,254 | 443,746 | 310,715 | 242,207 | 205,571 | 308,145 |
| Medium-high-technology manufacturing industries | 555,579 | 868,545 | 1,078,520 | 969,830 | 786,033 | 923,677 | 851,582 | 555,232 | 823,625 |
| Medium-low-technology manufacturing industries | 375,617 | 1,028,122 | 692,359 | 705,672 | 762,619 | 633,777 | 605,269 | 392,588 | 649,503 |
| Low-technology manufacturing industries | 676,981 | 983,497 | 1,006,545 | 1,087,133 | 1,067,705 | 1,186,611 | 961,349 | 543,632 | 939,182 |
| High-technology knowledge-intensive services | 213,509 | 229,057 | 532,470 | 552,225 | 510,852 | 506,247 | 361,285 | 211,342 | 389,623 |
| Market knowledge-intensive services | 1,698,632 | 2,001,591 | 2,159,970 | 2,593,198 | 2,430,633 | 2,507,836 | 2,248,428 | 1,791,395 | 2,178,960 |
| Other knowledge-intensive services | 300,206 | 622,336 | 591,069 | 511,885 | 479,421 | 456,161 | 534,368 | 295,811 | 473,907 |
| Market services less knowledge-intensive services | 1,750,902 | 2,015,015 | 1,886,090 | 2,651,186 | 2,306,187 | 2,937,899 | 2,636,445 | 1,495,696 | 2,209,928 |
| Less knowledge-intensive services | 67,351 | 107,017 | 108,484 | 132,626 | 271,628 | 192,748 | 211,928 | 111,981 | 150,470 |
| TOTAL | 5,892,222 | 8,089,228 | 8,360,679 | 9,674,009 | 9,058,824 | 9,655,671 | 8,652,861 | 5,603,248 | 8,123,343 |

IV.C.3. GROSS EMPLOYMENT CREATED BY ENTERING ENTERPRISES IN AMADEUS SAMPLE BY TECHNOLOGICAL AND KNOWLEDGE INTENSITY SECTORS, 1999-2006

| Technological and knowledge intensity sectors | 1999 | 2000 | 2001 | 2002 | 2003 | 2004 | 2005 | 2006 | time average |
|--------------------------------------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|----------------|------------------|
| High-technology manufacturing industries | 64,621 | 149,291 | 51,127 | 54,022 | 34,034 | 20,242 | 19,240 | 12,445 | 50,628 |
| Medium-high-technology manufacturing industries | 148,604 | 257,528 | 180,999 | 125,241 | 145,759 | 99,037 | 96,004 | 20,716 | 134,236 |
| Medium-low-technology manufacturing industries | 140,866 | 196,592 | 129,620 | 172,551 | 92,400 | 111,622 | 66,871 | 22,037 | 116,570 |
| Low-technology manufacturing industries | 216,191 | 331,842 | 165,013 | 309,191 | 142,140 | 145,333 | 120,475 | 37,379 | 183,446 |
| High-technology knowledge-intensive services | 236,749 | 139,463 | 729,905 | 148,959 | 57,102 | 134,432 | 72,405 | 30,981 | 193,750 |
| Market knowledge-intensive services | 918,354 | 857,415 | 935,248 | 691,858 | 895,829 | 921,659 | 826,906 | 276,037 | 790,413 |
| Other knowledge-intensive services | 267,911 | 295,248 | 242,789 | 235,955 | 177,038 | 212,064 | 147,808 | 59,920 | 204,842 |
| Market services les knowledge-intensive services | 632,099 | 866,723 | 890,007 | 679,061 | 492,453 | 538,476 | 528,202 | 301,310 | 616,041 |
| Less knowledge-intensive services | 43,803 | 54,611 | 55,685 | 53,527 | 41,341 | 52,770 | 32,757 | 12,543 | 43,380 |
| TOTAL | 2,669,198 | 3,148,713 | 3,380,393 | 2,470,365 | 2,078,096 | 2,235,635 | 1,910,668 | 773,368 | 2,333,305 |

IV.C.4. GROSS EMPLOYMENT DESTROYED BY EXITING ENTERPRISES IN AMADEUS SAMPLE BY TECHNOLOGICAL AND KNOWLEDGE INTENSITY SECTORS, 1999-2006

| Technological and knowledge intensity sectors | 1999 | 2000 | 2001 | 2002 | 2003 | 2004 | 2005 | 2006 | time average |
|--------------------------------------------------|----------------|------------------|------------------|------------------|------------------|------------------|------------------|-------------------|------------------|
| High-technology manufacturing industries | 19,610 | 31,449 | 89,663 | 189,370 | 532,551 | 629,911 | 165,467 | 360,504 | 252,316 |
| Medium-high-technology manufacturing industries | 75,475 | 201,931 | 229,448 | 285,643 | 483,846 | 1,091,234 | 535,304 | 779,383 | 460,283 |
| Medium-low-technology manufacturing industries | 96,484 | 154,866 | 239,725 | 384,456 | 425,917 | 1,096,145 | 427,550 | 677,794 | 437,867 |
| Low-technology manufacturing industries | 133,436 | 184,085 | 434,308 | 524,664 | 1,023,150 | 983,459 | 813,447 | 775,175 | 608,966 |
| High-technology knowledge-intensive services | 33,016 | 46,844 | 136,255 | 410,009 | 569,462 | 470,823 | 273,847 | 700,887 | 330,143 |
| Market knowledge-intensive services | 131,362 | 316,759 | 642,619 | 768,691 | 1,055,607 | 1,535,251 | 2,501,847 | 3,424,482 | 1,297,077 |
| Other knowledge-intensive services | 44,642 | 97,208 | 103,964 | 319,605 | 280,069 | 591,518 | 438,820 | 764,792 | 330,077 |
| Market services les knowledge-intensive services | 275,018 | 432,528 | 513,251 | 713,436 | 1,316,460 | 1,696,322 | 1,763,911 | 2,833,066 | 1,192,999 |
| Less knowledge-intensive services | 31,861 | 35,286 | 61,744 | 58,855 | 242,810 | 159,375 | 206,181 | 195,406 | 123,940 |
| TOTAL | 840,904 | 1,500,956 | 2,450,977 | 3,654,729 | 5,929,872 | 8,254,038 | 7,126,374 | 10,511,489 | 5,033,667 |

IV.D. JOB FLOWS INDICATORS

IV.D.1. GROSS JOB CREATION RATE OF CONTINUING ENTERPRISES IN AMADEUS SAMPLE BY TECHNOLOGICAL AND KNOWLEDGE INTENSITY SECTORS, 1999-2006

| Technological and knowledge intensity sectors | 1999 | 2000 | 2001 | 2002 | 2003 | 2004 | 2005 | 2006 | time average | ratio of time averages |
|-------------------------------------------------------|------|------|------|------|------|------|------|------|--------------|------------------------|
| High-technology manufacturing industries | 14.1 | 7.3 | 10.6 | 4.7 | 5.0 | 6.9 | 5.2 | 7.3 | 7.6 | 7.4 |
| Medium-high-technology manufacturing industries | 6.8 | 6.2 | 6.0 | 4.3 | 4.8 | 5.5 | 5.1 | 5.6 | 5.5 | 5.5 |
| Medium-low-technology manufacturing industries | 13.7 | 7.9 | 6.5 | 6.7 | 4.9 | 8.8 | 6.8 | 6.9 | 7.8 | 7.5 |
| Low-technology manufacturing industries | 7.6 | 8.7 | 7.1 | 6.3 | 5.7 | 6.7 | 6.4 | 6.4 | 6.9 | 6.8 |
| High-technology knowledge-intensive services | 12.1 | 12.9 | 11.8 | 10.0 | 5.3 | 7.5 | 6.4 | 6.4 | 9.0 | 8.8 |
| Market knowledge-intensive services | 13.9 | 14.3 | 10.9 | 8.9 | 9.4 | 10.1 | 10.5 | 9.9 | 11.0 | 10.7 |
| Other knowledge-intensive services | 12.6 | 10.6 | 9.7 | 8.2 | 9.6 | 9.9 | 9.9 | 9.1 | 10.0 | 9.9 |
| Market services less knowledge-intensive services | 10.4 | 10.3 | 9.4 | 7.2 | 8.5 | 10.4 | 8.3 | 7.9 | 9.1 | 9.0 |
| Less knowledge-intensive services | 10.5 | 9.9 | 9.2 | 7.9 | 11.8 | 12.1 | 10.2 | 9.9 | 10.2 | 10.2 |
| Technological and knowledge intensity sectors average | 11.3 | 9.8 | 9.0 | 7.1 | 7.2 | 8.7 | 7.7 | 7.7 | 8.6 | 8.6 |
| ratio of totals | 11.1 | 10.2 | 9.0 | 7.2 | 7.4 | 9.0 | 8.1 | 8.1 | 8.8 | |

IV.D.2. GROSS JOB CREATION RATE OF ENTERING ENTERPRISES IN AMADEUS SAMPLE BY TECHNOLOGICAL AND KNOWLEDGE INTENSITY SECTORS, 1999-2006

| Technological and knowledge intensity sectors | 1999 | 2000 | 2001 | 2002 | 2003 | 2004 | 2005 | 2006 | time average | ratio of time averages |
|-------------------------------------------------------|------|------|------|------|------|------|------|------|--------------|------------------------|
| High-technology manufacturing industries | 1.6 | 2.7 | 0.8 | 0.8 | 0.6 | 0.4 | 0.4 | 0.3 | 1.0 | 1.0 |
| Medium-high-technology manufacturing industries | 1.5 | 1.8 | 1.2 | 0.8 | 1.0 | 0.7 | 0.7 | 0.2 | 1.0 | 1.0 |
| Medium-low-technology manufacturing industries | 2.0 | 1.8 | 1.1 | 1.5 | 0.8 | 1.0 | 0.7 | 0.3 | 1.2 | 1.2 |
| Low-technology manufacturing industries | 2.0 | 2.3 | 1.1 | 2.0 | 0.9 | 0.9 | 0.8 | 0.4 | 1.3 | 1.3 |
| High-technology knowledge-intensive services | 5.8 | 2.2 | 9.4 | 1.7 | 0.7 | 1.7 | 0.9 | 0.6 | 2.9 | 2.8 |
| Market knowledge-intensive services | 4.5 | 3.5 | 3.3 | 2.3 | 2.8 | 2.7 | 2.4 | 0.9 | 2.8 | 2.7 |
| Other knowledge-intensive services | 5.0 | 4.7 | 3.4 | 3.1 | 2.3 | 2.8 | 2.0 | 0.9 | 3.0 | 3.0 |
| Market services less knowledge-intensive services | 2.8 | 3.2 | 2.7 | 1.9 | 1.3 | 1.4 | 1.4 | 1.0 | 2.0 | 1.9 |
| Less knowledge-intensive services | 3.8 | 3.8 | 3.0 | 2.7 | 1.8 | 2.4 | 1.5 | 0.8 | 2.5 | 2.4 |
| Technological and knowledge intensity sectors average | 3.2 | 2.9 | 2.9 | 1.9 | 1.4 | 1.6 | 1.2 | 0.6 | 2.0 | 1.9 |
| ratio of totals | 3.1 | 2.8 | 2.7 | 1.9 | 1.5 | 1.6 | 1.5 | 0.8 | 2.0 | |

IV.D.3. GROSS JOB CREATION RATE OF TOTAL ENTERPRISES IN AMADEUS SAMPLE BY TECHNOLOGICAL AND KNOWLEDGE INTENSITY SECTORS, 1999-2006

| Technological and knowledge intensity sectors | 1999 | 2000 | 2001 | 2002 | 2003 | 2004 | 2005 | 2006 | time average | ratio of time averages |
|-------------------------------------------------------|------|------|------|------|------|------|------|------|--------------|------------------------|
| High-technology manufacturing industries | 15.7 | 10.0 | 11.4 | 5.5 | 5.6 | 7.3 | 5.6 | 7.6 | 8.6 | 8.4 |
| Medium-high-technology manufacturing industries | 8.3 | 8.0 | 7.3 | 5.1 | 5.8 | 6.2 | 5.9 | 5.8 | 6.5 | 6.5 |
| Medium-low-technology manufacturing industries | 15.7 | 9.7 | 7.6 | 8.2 | 5.7 | 9.9 | 7.5 | 7.2 | 8.9 | 8.6 |
| Low-technology manufacturing industries | 9.6 | 11.0 | 8.1 | 8.3 | 6.6 | 7.7 | 7.2 | 6.8 | 8.2 | 8.2 |
| High-technology knowledge-intensive services | 17.9 | 15.1 | 21.1 | 11.7 | 5.9 | 9.1 | 7.4 | 7.0 | 11.9 | 11.6 |
| Market knowledge-intensive services | 18.3 | 17.7 | 14.2 | 11.2 | 12.2 | 12.8 | 12.9 | 10.8 | 13.8 | 13.4 |
| Other knowledge-intensive services | 17.7 | 15.3 | 13.2 | 11.3 | 11.9 | 12.6 | 11.9 | 10.1 | 13.0 | 12.8 |
| Market services less knowledge-intensive services | 13.2 | 13.5 | 12.1 | 9.1 | 9.8 | 11.8 | 9.7 | 8.9 | 11.0 | 10.9 |
| Less knowledge-intensive services | 14.4 | 13.7 | 12.2 | 10.6 | 13.6 | 14.5 | 11.7 | 10.6 | 12.6 | 12.6 |
| Technological and knowledge intensity sectors average | 14.5 | 12.7 | 11.9 | 9.0 | 8.6 | 10.2 | 8.9 | 8.3 | 10.5 | 10.6 |
| ratio of totals | 14.3 | 13.1 | 11.7 | 9.1 | 9.0 | 10.6 | 9.6 | 8.8 | 10.8 | |

IV.D.4. GROSS JOB DESTRUCTION RATE OF CONTINUING ENTERPRISES IN AMADEUS SAMPLE BY TECHNOLOGICAL AND KNOWLEDGE INTENSITY SECTORS, 1999-2006

| Technological and knowledge intensity sectors | 1999 | 2000 | 2001 | 2002 | 2003 | 2004 | 2005 | 2006 | time average | ratio of time averages |
|-------------------------------------------------------|------|------|------|------|------|------|------|------|--------------|------------------------|
| High-technology manufacturing industries | 6.3 | 4.2 | 5.0 | 7.3 | 7.6 | 5.9 | 5.0 | 5.4 | 5.8 | 5.9 |
| Medium-high-technology manufacturing industries | 5.6 | 6.1 | 7.2 | 6.6 | 5.3 | 6.5 | 6.6 | 5.7 | 6.2 | 6.2 |
| Medium-low-technology manufacturing industries | 5.4 | 9.4 | 6.0 | 6.1 | 6.7 | 5.9 | 5.9 | 5.4 | 6.4 | 6.4 |
| Low-technology manufacturing industries | 6.4 | 6.9 | 6.6 | 7.0 | 6.7 | 7.7 | 6.7 | 5.5 | 6.7 | 6.8 |
| High-technology knowledge-intensive services | 5.3 | 3.7 | 6.8 | 6.3 | 6.0 | 6.4 | 4.7 | 4.0 | 5.4 | 5.5 |
| Market knowledge-intensive services | 8.3 | 8.1 | 7.6 | 8.5 | 7.6 | 7.4 | 6.7 | 5.9 | 7.5 | 7.4 |
| Other knowledge-intensive services | 5.6 | 10.0 | 8.4 | 6.7 | 6.2 | 6.0 | 7.1 | 4.7 | 6.8 | 6.8 |
| Market services less knowledge-intensive services | 7.8 | 7.4 | 5.8 | 7.5 | 6.2 | 7.7 | 7.0 | 5.2 | 6.8 | 6.8 |
| Less knowledge-intensive services | 5.9 | 7.4 | 5.9 | 6.6 | 12.1 | 8.7 | 9.8 | 6.8 | 7.9 | 8.2 |
| Technological and knowledge intensity sectors average | 6.3 | 7.0 | 6.6 | 6.9 | 7.1 | 6.9 | 6.6 | 5.4 | 6.6 | 6.8 |
| ratio of totals | 6.9 | 7.3 | 6.7 | 7.3 | 6.7 | 7.1 | 6.6 | 5.4 | 6.8 | |

IV.D.5. GROSS JOB DESTRUCTION RATE OF EXITING ENTERPRISES IN AMADEUS SAMPLE BY TECHNOLOGICAL AND KNOWLEDGE INTENSITY SECTORS, 1999-2006

| Technological and knowledge intensity sectors | 1999 | 2000 | 2001 | 2002 | 2003 | 2004 | 2005 | 2006 | time average | ratio of time averages |
|-------------------------------------------------------|------|------|------|------|------|------|------|------|--------------|------------------------|
| High-technology manufacturing industries | 0.5 | 0.6 | 1.5 | 2.9 | 9.1 | 12.0 | 3.4 | 9.4 | 4.9 | 4.8 |
| Medium-high-technology manufacturing industries | 0.8 | 1.4 | 1.5 | 1.9 | 3.3 | 7.7 | 4.1 | 8.0 | 3.6 | 3.5 |
| Medium-low-technology manufacturing industries | 1.4 | 1.4 | 2.1 | 3.3 | 3.7 | 10.3 | 4.2 | 9.4 | 4.5 | 4.3 |
| Low-technology manufacturing industries | 1.3 | 1.3 | 2.9 | 3.4 | 6.4 | 6.4 | 5.7 | 7.9 | 4.4 | 4.4 |
| High-technology knowledge-intensive services | 0.8 | 0.7 | 1.7 | 4.7 | 6.7 | 5.9 | 3.6 | 13.3 | 4.7 | 4.7 |
| Market knowledge-intensive services | 0.6 | 1.3 | 2.3 | 2.5 | 3.3 | 4.5 | 7.4 | 11.2 | 4.1 | 4.4 |
| Other knowledge-intensive services | 0.8 | 1.6 | 1.5 | 4.2 | 3.6 | 7.7 | 5.8 | 12.0 | 4.7 | 4.8 |
| Market services less knowledge-intensive services | 1.2 | 1.6 | 1.6 | 2.0 | 3.5 | 4.4 | 4.7 | 9.9 | 3.6 | 3.7 |
| Less knowledge-intensive services | 2.8 | 2.4 | 3.3 | 2.9 | 10.8 | 7.2 | 9.5 | 11.9 | 6.4 | 6.7 |
| Technological and knowledge intensity sectors average | 1.1 | 1.4 | 2.0 | 3.1 | 5.6 | 7.4 | 5.4 | 10.3 | 4.5 | 4.2 |
| ratio of totals | 1.0 | 1.4 | 2.0 | 2.8 | 4.4 | 6.1 | 5.4 | 10.2 | 4.1 | |

IV.D.6. GROSS JOB DESTRUCTION RATE OF TOTAL ENTERPRISES IN AMADEUS SAMPLE BY TECHNOLOGICAL AND KNOWLEDGE INTENSITY SECTORS, 1999-2006

| Technological and knowledge intensity sectors | 1999 | 2000 | 2001 | 2002 | 2003 | 2004 | 2005 | 2006 | time average | ratio of time averages |
|-------------------------------------------------------|------|------|------|------|------|------|------|------|--------------|------------------------|
| High-technology manufacturing industries | 6.8 | 4.8 | 6.4 | 10.2 | 16.6 | 18.0 | 8.5 | 14.8 | 10.8 | 10.7 |
| Medium-high-technology manufacturing industries | 6.4 | 7.6 | 8.7 | 8.5 | 8.6 | 14.3 | 10.7 | 13.7 | 9.8 | 9.7 |
| Medium-low-technology manufacturing industries | 6.8 | 10.8 | 8.0 | 9.4 | 10.4 | 16.2 | 10.1 | 14.8 | 10.8 | 10.8 |
| Low-technology manufacturing industries | 7.6 | 8.2 | 9.5 | 10.3 | 13.1 | 14.2 | 12.3 | 13.5 | 11.1 | 11.2 |
| High-technology knowledge-intensive services | 6.1 | 4.4 | 8.6 | 11.1 | 12.8 | 12.3 | 8.2 | 17.3 | 10.1 | 10.2 |
| Market knowledge-intensive services | 8.9 | 9.4 | 9.9 | 11.0 | 10.9 | 11.9 | 14.1 | 17.1 | 11.7 | 11.9 |
| Other knowledge-intensive services | 6.5 | 11.5 | 9.9 | 10.9 | 9.9 | 13.7 | 12.9 | 16.7 | 11.5 | 11.6 |
| Market services less knowledge-intensive services | 9.0 | 9.0 | 7.3 | 9.5 | 9.7 | 12.1 | 11.6 | 15.1 | 10.4 | 10.5 |
| Less knowledge-intensive services | 8.7 | 9.8 | 9.2 | 9.6 | 22.8 | 15.9 | 19.3 | 18.7 | 14.3 | 14.9 |
| Technological and knowledge intensity sectors average | 7.4 | 8.4 | 8.6 | 10.0 | 12.7 | 14.3 | 12.0 | 15.7 | 11.2 | 11.0 |
| ratio of totals | 7.9 | 8.7 | 8.6 | 10.0 | 11.0 | 13.2 | 12.0 | 15.6 | 10.9 | |

IV.D.7. NET JOB CREATION RATE OF CONTINUING ENTERPRISES IN AMADEUS SAMPLE BY TECHNOLOGICAL AND KNOWLEDGE INTENSITY SECTORS, 1999-2006

| Technological and knowledge intensity sectors | 1999 | 2000 | 2001 | 2002 | 2003 | 2004 | 2005 | 2006 | time average | ratio of time averages |
|-------------------------------------------------------|------|------|------|------|------|------|------|------|--------------|------------------------|
| High-technology manufacturing industries | 7.8 | 3.1 | 5.6 | -2.6 | -2.5 | 0.9 | 0.2 | 1.9 | 1.8 | 1.5 |
| Medium-high-technology manufacturing industries | 1.2 | 0.0 | -1.1 | -2.3 | -0.5 | -1.1 | -1.4 | -0.1 | -0.6 | -0.7 |
| Medium-low-technology manufacturing industries | 8.2 | -1.5 | 0.5 | 0.6 | -1.8 | 2.9 | 0.9 | 1.5 | 1.4 | 1.0 |
| Low-technology manufacturing industries | 1.2 | 1.8 | 0.4 | -0.6 | -0.9 | -1.0 | -0.3 | 0.8 | 0.2 | 0.1 |
| High-technology knowledge-intensive services | 6.8 | 9.2 | 5.0 | 3.7 | -0.8 | 1.1 | 1.8 | 2.4 | 3.6 | 3.3 |
| Market knowledge-intensive services | 5.6 | 6.1 | 3.3 | 0.4 | 1.7 | 2.8 | 3.8 | 4.1 | 3.5 | 3.3 |
| Other knowledge-intensive services | 7.0 | 0.6 | 1.4 | 1.5 | 3.4 | 3.9 | 2.9 | 4.5 | 3.1 | 3.0 |
| Market services less knowledge-intensive services | 2.7 | 2.9 | 3.6 | -0.3 | 2.3 | 2.8 | 1.4 | 2.7 | 2.3 | 2.2 |
| Less knowledge-intensive services | 4.6 | 2.5 | 3.3 | 1.3 | -0.3 | 3.4 | 0.4 | 3.1 | 2.3 | 2.1 |
| Technological and knowledge intensity sectors average | 5.0 | 2.8 | 2.4 | 0.2 | 0.1 | 1.7 | 1.1 | 2.3 | 1.9 | 1.9 |
| ratio of totals | 4.2 | 2.9 | 2.3 | 0.0 | 0.8 | 1.8 | 1.5 | 2.6 | 2.0 | |

IV.D.8. NET JOB CREATION RATE OF ENTERING AND EXITING ENTERPRISES IN AMADEUS SAMPLE BY TECHNOLOGICAL AND KNOWLEDGE INTENSITY SECTORS, 1999-2006

| Technological and knowledge intensity sectors | 1999 | 2000 | 2001 | 2002 | 2003 | 2004 | 2005 | 2006 | time average | ratio of time averages |
|-------------------------------------------------------|------|------|------|------|------|-------|------|-------|--------------|------------------------|
| High-technology manufacturing industries | 1.1 | 2.1 | -0.6 | -2.1 | -8.5 | -11.7 | -3.0 | -9.1 | -4.0 | -3.9 |
| Medium-high-technology manufacturing industries | 0.7 | 0.4 | -0.3 | -1.1 | -2.3 | -7.0 | -3.4 | -7.8 | -2.6 | -2.5 |
| Medium-low-technology manufacturing industries | 0.6 | 0.4 | -0.9 | -1.8 | -2.9 | -9.2 | -3.5 | -9.1 | -3.3 | -3.2 |
| Low-technology manufacturing industries | 0.8 | 1.0 | -1.8 | -1.4 | -5.5 | -5.5 | -4.8 | -7.5 | -3.1 | -3.1 |
| High-technology knowledge-intensive services | 5.0 | 1.5 | 7.6 | -3.0 | -6.1 | -4.2 | -2.6 | -12.7 | -1.8 | -1.9 |
| Market knowledge-intensive services | 3.8 | 2.2 | 1.0 | -0.3 | -0.5 | -1.8 | -5.0 | -10.3 | -1.3 | -1.7 |
| Other knowledge-intensive services | 4.2 | 3.2 | 2.0 | -1.1 | -1.3 | -5.0 | -3.8 | -11.1 | -1.6 | -1.8 |
| Market services less knowledge-intensive services | 1.6 | 1.6 | 1.2 | -0.1 | -2.2 | -3.0 | -3.3 | -8.8 | -1.6 | -1.8 |
| Less knowledge-intensive services | 1.0 | 1.3 | -0.3 | -0.3 | -8.9 | -4.8 | -8.0 | -11.1 | -3.9 | -4.4 |
| Technological and knowledge intensity sectors average | 2.1 | 1.5 | 0.9 | -1.2 | -4.2 | -5.8 | -4.2 | -9.7 | -2.6 | -2.3 |
| ratio of totals | 2.1 | 1.5 | 0.7 | -0.9 | -2.8 | -4.4 | -4.0 | -9.4 | -2.2 | |

IV.D.9. NET JOB CREATION RATE OF TOTAL ENTERPRISES IN AMADEUS SAMPLE BY TECHNOLOGICAL AND KNOWLEDGE INTENSITY SECTORS, 1999-2006

| Technological and knowledge intensity sectors | 1999 | 2000 | 2001 | 2002 | 2003 | 2004 | 2005 | 2006 | time average | ratio of time averages |
|-------------------------------------------------------|------|------|------|------|-------|-------|------|-------|--------------|------------------------|
| High-technology manufacturing industries | 8.9 | 5.2 | 5.0 | -4.7 | -11.0 | -10.7 | -2.9 | -7.2 | -2.2 | -2.3 |
| Medium-high-technology manufacturing industries | 2.0 | 0.4 | -1.5 | -3.4 | -2.7 | -8.1 | -4.8 | -7.9 | -3.2 | -3.2 |
| Medium-low-technology manufacturing industries | 8.9 | -1.2 | -0.5 | -1.2 | -4.7 | -6.4 | -2.6 | -7.6 | -1.9 | -2.2 |
| Low-technology manufacturing industries | 2.0 | 2.8 | -1.4 | -2.0 | -6.5 | -6.5 | -5.1 | -6.7 | -2.9 | -3.0 |
| High-technology knowledge-intensive services | 11.9 | 10.7 | 12.6 | 0.7 | -6.8 | -3.1 | -0.9 | -10.3 | 1.8 | 1.3 |
| Market knowledge-intensive services | 9.4 | 8.3 | 4.3 | 0.1 | 1.2 | 0.9 | -1.2 | -6.3 | 2.1 | 1.6 |
| Other knowledge-intensive services | 11.2 | 3.8 | 3.3 | 0.4 | 2.0 | -1.0 | -1.0 | -6.6 | 1.5 | 1.2 |
| Market services less knowledge-intensive services | 4.3 | 4.5 | 4.8 | -0.4 | 0.1 | -0.3 | -1.9 | -6.2 | 0.6 | 0.4 |
| Less knowledge-intensive services | 5.7 | 3.8 | 2.9 | 1.0 | -9.2 | -1.4 | -7.6 | -8.0 | -1.6 | -2.3 |
| Technological and knowledge intensity sectors average | 7.1 | 4.3 | 3.3 | -1.0 | -4.2 | -4.1 | -3.1 | -7.4 | -0.6 | -0.4 |
| ratio of totals | 6.4 | 4.4 | 3.1 | -0.9 | -2.1 | -2.6 | -2.4 | -6.8 | -0.1 | |

IV.D.10. GROSS JOB REALLOCATION RATE OF CONTINUING ENTERPRISES IN AMADEUS SAMPLE BY TECHNOLOGICAL AND KNOWLEDGE INTENSITY SECTORS, 1999-2006

| Technological and knowledge intensity sectors | 1999 | 2000 | 2001 | 2002 | 2003 | 2004 | 2005 | 2006 | time average | ratio of time averages |
|-------------------------------------------------------|------|------|------|------|------|------|------|------|--------------|------------------------|
| High-technology manufacturing industries | 20.4 | 11.6 | 15.5 | 11.9 | 12.6 | 12.8 | 10.3 | 12.7 | 13.5 | 13.3 |
| Medium-high-technology manufacturing industries | 12.4 | 12.3 | 13.2 | 10.8 | 10.1 | 12.0 | 11.7 | 11.3 | 11.7 | 11.7 |
| Medium-low-technology manufacturing industries | 19.1 | 17.3 | 12.4 | 12.7 | 11.6 | 14.8 | 12.7 | 12.3 | 14.1 | 13.9 |
| Low-technology manufacturing industries | 14.0 | 15.6 | 13.7 | 13.3 | 12.4 | 14.5 | 13.1 | 11.9 | 13.6 | 13.6 |
| High-technology knowledge-intensive services | 17.4 | 16.6 | 18.6 | 16.4 | 11.3 | 13.8 | 11.1 | 10.4 | 14.4 | 14.4 |
| Market knowledge-intensive services | 22.1 | 22.4 | 18.6 | 17.4 | 17.0 | 17.5 | 17.1 | 15.8 | 18.5 | 18.2 |
| Other knowledge-intensive services | 18.3 | 20.5 | 18.1 | 15.0 | 15.9 | 15.8 | 17.0 | 13.8 | 16.8 | 16.7 |
| Market services less knowledge-intensive services | 18.2 | 17.8 | 15.2 | 14.7 | 14.7 | 18.1 | 15.3 | 13.1 | 15.9 | 15.8 |
| Less knowledge-intensive services | 16.4 | 17.3 | 15.0 | 14.5 | 23.8 | 20.8 | 19.9 | 16.7 | 18.1 | 18.4 |
| Technological and knowledge intensity sectors average | 17.6 | 16.8 | 15.6 | 14.1 | 14.4 | 15.6 | 14.3 | 13.1 | 15.2 | 15.4 |
| ratio of totals | 18.1 | 17.6 | 15.7 | 14.5 | 14.1 | 16.1 | 14.7 | 13.5 | 15.5 | |

IV.D.11. GROSS JOB REALLOCATION RATE OF ENTERING AND EXITING ENTERPRISES IN AMADEUS SAMPLE BY TECHNOLOGICAL AND KNOWLEDGE INTENSITY SECTORS, 1999-2006

| Technological and knowledge intensity sectors | 1999 | 2000 | 2001 | 2002 | 2003 | 2004 | 2005 | 2006 | time average | ratio of time averages |
|-------------------------------------------------------|------|------|------|------|------|------|------|------|--------------|------------------------|
| High-technology manufacturing industries | 2.1 | 3.3 | 2.3 | 3.8 | 9.6 | 12.4 | 3.8 | 9.8 | 5.9 | 5.8 |
| Medium-high-technology manufacturing industries | 2.3 | 3.2 | 2.7 | 2.8 | 4.2 | 8.4 | 4.9 | 8.2 | 4.6 | 4.5 |
| Medium-low-technology manufacturing industries | 3.4 | 3.2 | 3.2 | 4.8 | 4.5 | 11.3 | 4.8 | 9.7 | 5.6 | 5.5 |
| Low-technology manufacturing industries | 3.3 | 3.6 | 4.0 | 5.4 | 7.3 | 7.4 | 6.5 | 8.3 | 5.7 | 5.7 |
| High-technology knowledge-intensive services | 6.7 | 3.0 | 11.1 | 6.4 | 7.4 | 7.6 | 4.5 | 13.9 | 7.6 | 7.5 |
| Market knowledge-intensive services | 5.1 | 4.8 | 5.6 | 4.8 | 6.1 | 7.2 | 9.9 | 12.1 | 6.9 | 7.1 |
| Other knowledge-intensive services | 5.9 | 6.3 | 4.9 | 7.3 | 6.0 | 10.5 | 7.8 | 13.0 | 7.7 | 7.7 |
| Market services less knowledge-intensive services | 4.0 | 4.8 | 4.3 | 3.9 | 4.8 | 5.8 | 6.1 | 10.9 | 5.6 | 5.6 |
| Less knowledge-intensive services | 6.6 | 6.2 | 6.4 | 5.6 | 12.6 | 9.6 | 11.0 | 12.6 | 8.8 | 9.1 |
| Technological and knowledge intensity sectors average | 4.4 | 4.3 | 4.9 | 5.0 | 7.0 | 8.9 | 6.6 | 10.9 | 6.5 | 6.1 |
| ratio of totals | 4.1 | 4.2 | 4.6 | 4.6 | 5.9 | 7.7 | 6.9 | 10.9 | 6.1 | |

IV.D.12. GROSS JOB REALLOCATION RATE OF TOTAL ENTERPRISES IN AMADEUS SAMPLE BY TECHNOLOGICAL AND KNOWLEDGE INTENSITY SECTORS, 1999-2006

| Technological and knowledge intensity sectors | 1999 | 2000 | 2001 | 2002 | 2003 | 2004 | 2005 | 2006 | time average | ratio of time averages |
|-------------------------------------------------------|------|------|------|------|------|------|------|------|--------------|------------------------|
| High-technology manufacturing industries | 22.5 | 14.9 | 17.8 | 15.7 | 22.2 | 25.2 | 14.1 | 22.5 | 19.4 | 19.1 |
| Medium-high-technology manufacturing industries | 14.7 | 15.5 | 16.0 | 13.6 | 14.4 | 20.5 | 16.6 | 19.5 | 16.3 | 16.2 |
| Medium-low-technology manufacturing industries | 22.5 | 20.5 | 15.6 | 17.5 | 16.1 | 26.1 | 17.5 | 22.0 | 19.7 | 19.4 |
| Low-technology manufacturing industries | 17.2 | 19.3 | 17.6 | 18.7 | 19.7 | 21.8 | 19.6 | 20.2 | 19.3 | 19.3 |
| High-technology knowledge-intensive services | 24.0 | 19.5 | 29.7 | 22.8 | 18.7 | 21.4 | 15.6 | 24.3 | 22.0 | 21.8 |
| Market knowledge-intensive services | 27.3 | 27.2 | 24.1 | 22.2 | 23.1 | 24.7 | 27.0 | 27.9 | 25.4 | 25.3 |
| Other knowledge-intensive services | 24.1 | 26.8 | 23.0 | 22.3 | 21.8 | 26.3 | 24.8 | 26.8 | 24.5 | 24.4 |
| Market services less knowledge-intensive services | 22.2 | 22.6 | 19.5 | 18.6 | 19.5 | 23.9 | 21.4 | 24.0 | 21.4 | 21.3 |
| Less knowledge-intensive services | 23.0 | 23.5 | 21.4 | 20.1 | 36.5 | 30.4 | 30.9 | 29.3 | 26.9 | 27.5 |
| Technological and knowledge intensity sectors average | 22.0 | 21.1 | 20.5 | 19.0 | 21.3 | 24.5 | 20.8 | 24.1 | 21.7 | 21.6 |
| ratio of totals | 22.2 | 21.8 | 20.3 | 19.1 | 20.0 | 23.8 | 21.6 | 24.5 | 21.7 | |

IV.D.13. EXCESS REALLOCATION RATE OF TOTAL ENTERPRISES IN AMADEUS SAMPLE BY TECHNOLOGICAL AND KNOWLEDGE INTENSITY SECTORS, 1999-2006

| Technological and knowledge intensity sectors | 1999 | 2000 | 2001 | 2002 | 2003 | 2004 | 2005 | 2006 | time average | ratio of time averages |
|-------------------------------------------------------|------|------|------|------|------|------|------|------|--------------|------------------------|
| High-technology manufacturing industries | 13.6 | 9.6 | 12.9 | 20.4 | 33.2 | 36.0 | 17.0 | 29.7 | 21.5 | 21.4 |
| Medium-high-technology manufacturing industries | 12.7 | 15.1 | 17.4 | 17.0 | 17.1 | 28.6 | 21.3 | 27.4 | 19.6 | 19.5 |
| Medium-low-technology manufacturing industries | 13.6 | 21.7 | 16.1 | 18.7 | 20.8 | 32.5 | 20.1 | 29.6 | 21.6 | 21.6 |
| Low-technology manufacturing industries | 15.3 | 16.5 | 19.0 | 20.7 | 26.2 | 28.3 | 24.7 | 26.9 | 22.2 | 22.3 |
| High-technology knowledge-intensive services | 12.2 | 8.8 | 17.2 | 22.1 | 25.5 | 24.5 | 16.5 | 34.6 | 20.2 | 20.5 |
| Market knowledge-intensive services | 17.8 | 18.8 | 19.8 | 22.0 | 21.8 | 23.8 | 28.1 | 34.2 | 23.3 | 23.8 |
| Other knowledge-intensive services | 13.0 | 23.0 | 19.7 | 21.8 | 19.8 | 27.4 | 25.7 | 33.4 | 23.0 | 23.2 |
| Market services less knowledge-intensive services | 18.0 | 18.0 | 14.7 | 19.0 | 19.3 | 24.2 | 23.3 | 30.2 | 20.8 | 20.9 |
| Less knowledge-intensive services | 17.4 | 19.7 | 18.5 | 19.1 | 45.7 | 31.9 | 38.6 | 37.3 | 28.5 | 29.8 |
| Technological and knowledge intensity sectors average | 14.8 | 16.8 | 17.2 | 20.1 | 25.5 | 28.6 | 23.9 | 31.5 | 22.3 | 21.9 |
| ratio of totals | 15.8 | 17.4 | 17.2 | 20.1 | 22.1 | 26.4 | 24.0 | 31.3 | 21.8 | |

ANNEX V

**JOB FLOWS IN EUROPE. RESULTS BY CURRENT
SIZE-CLASSES**

V.A. FINAL SAMPLE OF FIRMS FROM AMADEUS DATABASE

V.A.1. ENTERPRISES IN AMADEUS SAMPLE BY SIZE-CLASSES, 1999-2006

| Size-classes | 1999 | 2000 | 2001 | 2002 | 2003 | 2004 | 2005 | 2006 | time average |
|--------------|------------------|--------------------|-------------------|-------------------|--------------------|-------------------|-------------------|--------------------|--------------------|
| Micro firms | 1,189,655 | 9,755,080 | 2,241,988 | 2,327,241 | 10,739,465 | 2,154,918 | 4,389,577 | 11,391,885 | 5,523,726 |
| Small firms | 522,207 | 23,980,083 | 2,652,740 | 5,511,454 | 25,446,625 | 2,939,161 | 9,129,187 | 21,389,957 | 11,446,427 |
| Medium firms | 143,762 | 35,270,069 | 4,100,286 | 11,968,738 | 43,233,008 | 3,890,295 | 13,869,419 | 29,010,273 | 17,685,731 |
| Big firms | 38,619 | 163,489,838 | 17,104,892 | 54,923,740 | 167,685,685 | 11,063,224 | 58,430,830 | 103,501,638 | 72,029,808 |
| TOTAL | 1,894,243 | 232,495,070 | 26,099,906 | 74,731,173 | 247,104,783 | 20,047,598 | 85,819,013 | 165,293,753 | 106,685,692 |

V.A.2. PERCENTAGE OF CONTINUING ENTERPRISES IN AMADEUS SAMPLE BY SIZE-CLASSES. 1999-2006

| Size-classes | 1999 | 2000 | 2001 | 2002 | 2003 | 2004 | 2005 | 2006 | time average | ratio of time averages |
|----------------------|------|------|------|------|------|------|------|------|--------------|------------------------|
| Micro firms | 91.9 | 69.0 | 47.2 | 38.1 | 92.7 | 81.3 | 41.1 | 93.8 | 69.4 | 76.9 |
| Small firms | 98.5 | 81.2 | 89.2 | 15.2 | 91.8 | 91.3 | 18.0 | 94.1 | 72.4 | 77.5 |
| Medium firms | 98.6 | 89.1 | 98.7 | 6.5 | 91.3 | 97.5 | 13.9 | 94.9 | 73.8 | 77.1 |
| Big firms | 98.4 | 96.3 | 99.9 | 3.0 | 95.6 | 99.7 | 14.0 | 94.3 | 75.2 | 78.7 |
| Size-classes average | 96.9 | 83.9 | 83.8 | 15.7 | 92.8 | 92.5 | 21.7 | 94.3 | 72.7 | 78.2 |
| ratio of totals | 94.4 | 92.5 | 94.1 | 5.6 | 94.3 | 96.1 | 15.8 | 94.4 | 73.4 | |

V.A.3. PERCENTAGE OF CONTINUING EMPLOYMENT CREATOR ENTERPRISES IN AMADEUS SAMPLE BY SIZE-CLASSES. 1999-2006

| Size-classes | 1999 | 2000 | 2001 | 2002 | 2003 | 2004 | 2005 | 2006 | time average | ratio of time averages |
|----------------------|------|------|------|------|------|------|------|------|--------------|------------------------|
| Micro firms | 18.2 | 46.1 | 3.1 | 9.8 | 0.9 | 14.0 | 12.7 | 1.5 | 13.3 | 13.9 |
| Small firms | 37.9 | 46.2 | 4.4 | 6.5 | 0.0 | 5.0 | 3.5 | 0.0 | 12.9 | 13.4 |
| Medium firms | 44.8 | 41.9 | 4.8 | 4.8 | 0.0 | 4.6 | 2.9 | 0.0 | 13.0 | 11.4 |
| Big firms | 48.7 | 41.0 | 2.9 | 2.9 | 0.0 | 6.2 | 2.4 | 0.0 | 13.0 | 12.4 |
| Size-classes average | 37.4 | 43.8 | 3.8 | 6.0 | 0.2 | 7.5 | 5.4 | 0.4 | 13.1 | 12.4 |
| ratio of totals | 26.2 | 41.9 | 3.3 | 3.7 | 0.0 | 6.6 | 3.1 | 0.1 | 10.6 | |

V.A.4. PERCENTAGE OF CONTINUING EMPLOYMENT DESTROYER ENTERPRISES IN AMADEUS SAMPLE BY SIZE-CLASSES. 1999-2006

| Size-classes | 1999 | 2000 | 2001 | 2002 | 2003 | 2004 | 2005 | 2006 | time average | ratio of time averages |
|----------------------|------|------|------|------|------|------|------|------|--------------|------------------------|
| Micro firms | 13.4 | 13.5 | 24.5 | 14.9 | 72.6 | 14.7 | 16.3 | 1.8 | 21.5 | 25.8 |
| Small firms | 23.8 | 21.6 | 49.8 | 4.9 | 66.6 | 12.8 | 10.7 | 0.1 | 23.8 | 27.5 |
| Medium firms | 30.5 | 26.5 | 49.4 | 0.8 | 64.4 | 13.5 | 10.2 | 0.0 | 24.4 | 29.2 |
| Big firms | 35.6 | 32.7 | 53.9 | 0.1 | 67.1 | 19.7 | 11.6 | 0.0 | 27.6 | 32.0 |
| Size-classes average | 25.8 | 23.6 | 44.4 | 5.2 | 67.7 | 15.2 | 12.2 | 0.5 | 24.3 | 30.7 |
| ratio of totals | 18.0 | 29.8 | 50.3 | 1.0 | 66.8 | 16.9 | 11.5 | 0.1 | 24.3 | |

V.A.5. PERCENTAGE OF CONTINUING EMPLOYMENT STABLE ENTERPRISES IN AMADEUS SAMPLE BY SIZE-CLASSES. 1999-2006

| Size-classes | 1999 | 2000 | 2001 | 2002 | 2003 | 2004 | 2005 | 2006 | time average | ratio of time averages |
|----------------------|------|------|------|------|------|------|------|------|--------------|------------------------|
| Micro firms | 60.4 | 9.4 | 19.6 | 13.4 | 19.2 | 52.6 | 12.1 | 90.5 | 34.6 | 37.2 |
| Small firms | 36.8 | 13.4 | 35.0 | 3.8 | 25.1 | 73.5 | 3.8 | 93.9 | 35.7 | 36.6 |
| Medium firms | 23.3 | 20.7 | 44.5 | 0.8 | 26.9 | 79.4 | 0.8 | 94.8 | 36.4 | 36.5 |
| Big firms | 14.1 | 22.6 | 43.2 | 0.1 | 28.5 | 73.8 | 0.1 | 94.3 | 34.6 | 34.4 |
| Size-classes average | 33.7 | 16.5 | 35.6 | 4.5 | 24.9 | 69.8 | 4.2 | 93.4 | 35.3 | 35.1 |
| ratio of totals | 50.1 | 20.8 | 40.5 | 0.9 | 27.5 | 72.6 | 1.2 | 94.1 | 38.5 | |

V.A.6. PERCENTAGE OF ENTERING ENTERPRISES IN AMADEUS SAMPLE BY SIZE-CLASSES. 1999-2006

| Size-classes | 1999 | 2000 | 2001 | 2002 | 2003 | 2004 | 2005 | 2006 | time average | ratio of time averages |
|----------------------|------|------|------|------|------|------|------|------|--------------|------------------------|
| Micro firms | 8.1 | 31.0 | 52.8 | 61.9 | 7.3 | 18.7 | 58.9 | 6.2 | 30.6 | 23.1 |
| Small firms | 1.5 | 18.8 | 10.8 | 84.8 | 8.2 | 8.7 | 82.0 | 5.9 | 27.6 | 22.5 |
| Medium firms | 1.4 | 10.9 | 1.3 | 93.5 | 8.7 | 2.5 | 86.1 | 5.1 | 26.2 | 22.9 |
| Big firms | 1.6 | 3.7 | 0.1 | 97.0 | 4.4 | 0.3 | 86.0 | 5.7 | 24.8 | 21.3 |
| Size-classes average | 3.1 | 16.1 | 16.2 | 84.3 | 7.2 | 7.5 | 78.3 | 5.7 | 27.3 | 21.8 |
| ratio of totals | 5.6 | 7.5 | 5.9 | 94.4 | 5.7 | 3.9 | 84.2 | 5.6 | 26.6 | |

V.A.7. PERCENTAGE OF EXITING ENTERPRISES IN AMADEUS SAMPLE BY SIZE-CLASSES. 1999-2006

| Size-classes | 1999 | 2000 | 2001 | 2002 | 2003 | 2004 | 2005 | 2006 | time average | ratio of time averages |
|----------------------|------|------|------|------|------|------|------|------|--------------|------------------------|
| Micro firms | 1.5 | 2.8 | 23.0 | 7.1 | 42.3 | 79.6 | 48.9 | 4.0 | 26.2 | 22.3 |
| Small firms | 0.9 | 0.8 | 14.6 | 0.2 | 23.1 | 11.7 | 65.1 | 3.7 | 15.0 | 14.8 |
| Medium firms | 0.9 | 0.8 | 12.6 | 0.0 | 12.0 | 1.4 | 71.3 | 3.1 | 12.8 | 11.9 |
| Big firms | 0.7 | 0.6 | 13.4 | 0.0 | 8.2 | 0.1 | 62.0 | 4.0 | 11.1 | 10.0 |
| Size-classes average | 1.0 | 1.3 | 15.9 | 1.8 | 21.4 | 23.2 | 61.8 | 3.7 | 16.3 | 11.4 |
| ratio of totals | 1.3 | 0.8 | 14.2 | 0.2 | 11.8 | 10.6 | 63.1 | 3.8 | 13.2 | |

V.B. EMPLOYEES DISTRIBUTION BY FIRM TYPES IN AMADEUS DATABASE

V.B.1. EMPLOYEES IN AMADEUS SAMPLE BY SIZE-CLASSES, 1999-2006

| Size-classes | 1999 | 2000 | 2001 | 2002 | 2003 | 2004 | 2005 | 2006 | time average |
|--------------|-------------------|-------------------|-------------------|--------------------|-------------------|--------------------|--------------------|------------------|--------------------|
| Micro firms | 4,498,986 | 2,402,196 | 1,811,614 | 13,312,543 | 3,523,251 | 5,598,962 | 17,314,839 | 2,716,321 | 6,397,339 |
| Small firms | 11,076,212 | 2,903,552 | 3,976,945 | 27,866,357 | 2,755,430 | 13,683,841 | 29,561,192 | 1,350,036 | 11,646,696 |
| Medium firms | 14,776,877 | 4,257,676 | 8,936,077 | 42,752,402 | 3,096,794 | 22,985,044 | 37,309,989 | 991,865 | 16,888,341 |
| Big firms | 67,050,873 | 20,195,415 | 41,607,595 | 175,461,696 | 10,276,201 | 94,388,809 | 124,421,120 | 3,064,050 | 67,058,220 |
| TOTAL | 97,402,948 | 29,758,839 | 56,332,231 | 259,392,998 | 19,651,676 | 136,656,656 | 208,607,140 | 8,122,272 | 101,990,595 |

V.B.2. PROPORTION OF CONTINUING FIRMS EMPLOYEES IN TOTAL EMPLOYEES IN AMADEUS SAMPLE BY SIZE-CLASSES. 1999-2006

| Size-classes | 1999 | 2000 | 2001 | 2002 | 2003 | 2004 | 2005 | 2006 | time average | ratio of time averages |
|----------------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|--------------|------------------------|
| Micro firms | 94.2 | 74.9 | 89.4 | 66.4 | 41.4 | 63.7 | 67.0 | 42.8 | 67.5 | 67.0 |
| Small firms | 97.8 | 79.3 | 99.5 | 77.9 | 78.2 | 58.9 | 74.3 | 67.1 | 79.1 | 77.2 |
| Medium firms | 97.8 | 77.4 | 99.9 | 86.8 | 86.6 | 55.3 | 81.3 | 90.6 | 84.5 | 81.7 |
| Big firms | 98.0 | 84.8 | 100.0 | 94.9 | 86.4 | 52.6 | 88.5 | 99.3 | 88.1 | 86.2 |
| Size-classes average | 96.9 | 79.1 | 97.2 | 81.5 | 73.2 | 57.6 | 77.8 | 75.0 | 79.8 | 83.3 |
| ratio of totals | 97.8 | 82.4 | 99.6 | 90.3 | 77.2 | 54.2 | 83.4 | 74.0 | 82.4 | |

V.B.3. PROPORTION OF EMPLOYMENT CREATOR CONTINUING FIRMS EMPLOYEES IN TOTAL EMPLOYEES IN AMADEUS SAMPLE BY SIZE-CLASSES. 1999-2006

| Size-classes | 1999 | 2000 | 2001 | 2002 | 2003 | 2004 | 2005 | 2006 | time average | ratio of time averages |
|----------------------|-------------|-------------|------------|-------------|-------------|------------|------------|-------------|--------------|------------------------|
| Micro firms | 24.3 | 21.2 | 15.8 | 49.5 | 6.1 | 9.9 | 1.0 | 11.2 | 17.4 | 19.0 |
| Small firms | 39.4 | 42.7 | 5.9 | 52.5 | 9.1 | 5.4 | 0.1 | 10.4 | 20.7 | 23.2 |
| Medium firms | 45.1 | 42.4 | 1.0 | 56.2 | 11.1 | 4.6 | 0.0 | 17.0 | 22.2 | 25.3 |
| Big firms | 55.1 | 47.3 | 0.1 | 62.2 | 12.5 | 4.6 | 0.0 | 19.9 | 25.2 | 30.2 |
| Size-classes average | 41.0 | 38.4 | 5.7 | 55.1 | 9.7 | 6.1 | 0.3 | 14.6 | 21.4 | 27.9 |
| ratio of totals | 50.4 | 44.0 | 1.1 | 59.5 | 10.7 | 4.9 | 0.1 | 15.1 | 23.2 | |

V.B.4. PROPORTION OF EMPLOYMENT DESTROYER CONTINUING FIRMS EMPLOYEES IN TOTAL EMPLOYEES IN AMADEUS SAMPLE BY SIZE-CLASSES. 1999-2006

| Size-classes | 1999 | 2000 | 2001 | 2002 | 2003 | 2004 | 2005 | 2006 | time average | ratio of time averages |
|----------------------|------|------|------|------|------|------|------|------|--------------|------------------------|
| Micro firms | 17.2 | 14.2 | 13.0 | 12.5 | 23.9 | 9.7 | 57.9 | 17.9 | 20.8 | 29.1 |
| Small firms | 24.7 | 28.6 | 4.1 | 21.1 | 59.5 | 2.4 | 67.0 | 39.1 | 30.8 | 34.2 |
| Medium firms | 31.4 | 34.1 | 0.9 | 24.9 | 72.3 | 0.5 | 75.4 | 66.2 | 38.2 | 35.5 |
| Big firms | 35.6 | 37.5 | 0.1 | 28.0 | 73.6 | 0.0 | 82.8 | 78.7 | 42.0 | 36.1 |
| Size-classes average | 27.2 | 28.6 | 4.5 | 21.6 | 57.3 | 3.1 | 70.7 | 50.5 | 33.0 | 35.3 |
| ratio of totals | 32.9 | 34.2 | 0.9 | 25.9 | 62.5 | 0.7 | 77.1 | 50.3 | 35.6 | |

V.B.5. PROPORTION OF STABLE EMPLOYMENT CONTINUING FIRMS EMPLOYEES IN TOTAL EMPLOYEES IN AMADEUS SAMPLE BY SIZE-CLASSES. 1999-2006

| Size-classes | 1999 | 2000 | 2001 | 2002 | 2003 | 2004 | 2005 | 2006 | time average | ratio of time averages |
|----------------------|------|------|------|------|------|------|------|------|--------------|------------------------|
| Micro firms | 52.6 | 39.5 | 60.6 | 4.4 | 11.3 | 44.1 | 8.1 | 13.7 | 29.3 | 18.9 |
| Small firms | 33.7 | 8.1 | 89.5 | 4.4 | 9.7 | 51.2 | 7.2 | 17.6 | 27.7 | 19.7 |
| Medium firms | 21.3 | 1.0 | 98.1 | 5.7 | 3.3 | 50.3 | 5.9 | 7.5 | 24.1 | 21.0 |
| Big firms | 7.3 | 0.0 | 99.9 | 4.7 | 0.3 | 48.0 | 5.7 | 0.7 | 20.8 | 20.0 |
| Size-classes average | 28.7 | 12.1 | 87.0 | 4.8 | 6.1 | 48.4 | 6.7 | 9.9 | 25.5 | 20.0 |
| ratio of totals | 14.5 | 4.1 | 97.6 | 4.9 | 4.1 | 48.5 | 6.1 | 8.7 | 23.6 | |

V.B.6. PROPORTION OF ENTERING FIRMS EMPLOYEES IN TOTAL EMPLOYEES IN AMADEUS SAMPLE BY SIZE-CLASSES. 1999-2006

| Size-classes | 1999 | 2000 | 2001 | 2002 | 2003 | 2004 | 2005 | 2006 | time average | ratio of time averages |
|----------------------|------|------|------|------|------|------|------|------|--------------|------------------------|
| Micro firms | 4.7 | 19.9 | 7.9 | 31.0 | 44.6 | 33.0 | 5.3 | 9.5 | 19.5 | 18.7 |
| Small firms | 1.4 | 12.7 | 0.3 | 21.4 | 11.2 | 41.0 | 5.4 | 12.2 | 13.2 | 15.2 |
| Medium firms | 1.4 | 13.4 | 0.0 | 12.6 | 1.7 | 44.7 | 5.7 | 5.1 | 10.6 | 13.8 |
| Big firms | 1.6 | 10.4 | 0.0 | 4.7 | 0.1 | 47.4 | 5.0 | 0.5 | 8.7 | 11.6 |
| Size-classes average | 2.3 | 14.1 | 2.0 | 17.4 | 14.4 | 41.5 | 5.4 | 6.8 | 13.0 | 12.8 |
| ratio of totals | 1.7 | 11.8 | 0.3 | 9.1 | 9.9 | 45.7 | 5.2 | 6.0 | 11.2 | |

V.B.7. PROPORTION OF EXITING FIRMS EMPLOYEES IN TOTAL EMPLOYEES IN AMADEUS SAMPLE BY SIZE-CLASSES. 1999-2006

| Size-classes | 1999 | 2000 | 2001 | 2002 | 2003 | 2004 | 2005 | 2006 | time average | ratio of time averages |
|----------------------|------|------|------|------|------|------|------|------|--------------|------------------------|
| Micro firms | 1.1 | 5.2 | 2.8 | 2.5 | 14.0 | 3.4 | 27.7 | 47.7 | 13.0 | 14.3 |
| Small firms | 0.9 | 7.9 | 0.2 | 0.7 | 10.5 | 0.1 | 20.3 | 20.8 | 7.7 | 7.6 |
| Medium firms | 0.8 | 9.2 | 0.0 | 0.6 | 11.6 | 0.0 | 13.0 | 4.2 | 4.9 | 4.5 |
| Big firms | 0.4 | 4.8 | 0.0 | 0.4 | 13.4 | 0.0 | 6.5 | 0.2 | 3.2 | 2.1 |
| Size-classes average | 0.8 | 6.8 | 0.8 | 1.1 | 12.4 | 0.9 | 16.9 | 18.2 | 7.2 | 3.9 |
| ratio of totals | 0.5 | 5.8 | 0.1 | 0.6 | 12.9 | 0.1 | 11.4 | 20.0 | 6.4 | |

V.C. JOB FLOWS

V.C.1. GROSS EMPLOYMENT CREATED BY CONTINUING ENTERPRISES IN AMADEUS SAMPLE BY SIZE-CLASSES, 1999-2006

| Size-classes | 1999 | 2000 | 2001 | 2002 | 2003 | 2004 | 2005 | 2006 | time average |
|--------------|-------------------|----------------|--------------------|------------------|------------------|----------------|------------------|------------------|-------------------|
| Micro firms | 378,859 | 262,610 | 5,602,630 | 128,037 | 376,734 | 134,797 | 341,585 | 497,864 | 965,390 |
| Small firms | 923,765 | 234,110 | 13,207,643 | 181,207 | 493,350 | 18,452 | 162,557 | 276,626 | 1,937,214 |
| Medium firms | 1,225,366 | 86,516 | 20,974,434 | 289,023 | 684,581 | 5,246 | 198,418 | 336,084 | 2,974,959 |
| Big firms | 7,971,839 | 31,229 | 97,974,016 | 797,581 | 2,576,736 | 1,457 | 691,460 | 1,219,230 | 13,907,944 |
| TOTAL | 10,499,829 | 614,465 | 137,758,723 | 1,395,848 | 4,131,401 | 159,952 | 1,394,020 | 2,329,804 | 19,785,505 |

V.C.2. GROSS EMPLOYMENT DESTROYED BY CONTINUING ENTERPRISES IN AMADEUS SAMPLE BY SIZE-CLASSES, 1999-2006

| Size-classes | 1999 | 2000 | 2001 | 2002 | 2003 | 2004 | 2005 | 2006 | time average |
|--------------|------------------|----------------|-------------------|-------------------|----------------|--------------------|------------------|------------------|-------------------|
| Micro firms | 294,301 | 192,758 | 1,395,022 | 675,145 | 437,195 | 9,058,924 | 411,398 | 842,826 | 1,663,446 |
| Small firms | 645,053 | 145,266 | 5,200,046 | 1,455,056 | 295,630 | 18,686,070 | 491,657 | 1,044,856 | 3,495,454 |
| Medium firms | 840,331 | 64,814 | 9,667,065 | 2,059,731 | 104,810 | 28,594,114 | 709,580 | 1,310,052 | 5,418,812 |
| Big firms | 5,256,784 | 26,271 | 53,320,432 | 8,007,768 | 32,380 | 110,278,176 | 3,377,462 | 4,822,102 | 23,140,172 |
| TOTAL | 7,036,469 | 429,109 | 69,582,565 | 12,197,700 | 870,015 | 166,617,284 | 4,990,097 | 8,019,836 | 33,717,884 |

V.C.3. GROSS EMPLOYMENT CREATED BY ENTERING ENTERPRISES IN AMADEUS SAMPLE BY SIZE-CLASSES, 1999-2006

| Size-classes | 1999 | 2000 | 2001 | 2002 | 2003 | 2004 | 2005 | 2006 | time average |
|--------------|------------------|----------------|-------------------|------------------|-------------------|-------------------|----------------|-------------------|-------------------|
| Micro firms | 370,626 | 127,791 | 3,661,576 | 1,362,523 | 1,837,286 | 806,911 | 474,748 | 1,720,626 | 1,295,261 |
| Small firms | 301,138 | 9,711 | 5,485,803 | 311,464 | 5,907,809 | 1,613,218 | 274,531 | 5,092,864 | 2,374,567 |
| Medium firms | 404,179 | 2,870 | 5,028,356 | 55,774 | 11,069,931 | 3,137,488 | 92,382 | 7,764,766 | 3,444,468 |
| Big firms | 2,199,999 | 671 | 12,332,180 | 9,188 | 45,953,597 | 7,254,071 | 26,321 | 40,618,276 | 13,549,288 |
| TOTAL | 3,275,942 | 141,043 | 26,507,915 | 1,738,949 | 64,768,623 | 12,811,688 | 867,982 | 55,196,532 | 20,663,584 |

V.C.4. GROSS EMPLOYMENT DESTROYED BY EXITING ENTERPRISES IN AMADEUS SAMPLE BY SIZE-CLASSES, 1999-2006

| Size-classes | 1999 | 2000 | 2001 | 2002 | 2003 | 2004 | 2005 | 2006 | time average |
|--------------|----------------|---------------|------------------|------------------|----------------|-------------------|------------------|-------------------|------------------|
| Micro firms | 92,015 | 26,468 | 302,678 | 570,828 | 163,549 | 4,948,244 | 1,684,266 | 1,194,067 | 1,122,764 |
| Small firms | 186,710 | 5,561 | 195,774 | 384,796 | 7,716 | 6,544,414 | 315,524 | 3,493,953 | 1,391,806 |
| Medium firms | 247,941 | 1,911 | 258,491 | 502,133 | 1,765 | 5,384,833 | 50,783 | 5,367,490 | 1,476,918 |
| Big firms | 470,964 | 495 | 1,146,272 | 1,427,851 | 503 | 8,897,628 | 8,621 | 25,098,616 | 4,631,369 |
| TOTAL | 997,630 | 34,435 | 1,903,215 | 2,885,608 | 173,533 | 25,775,119 | 2,059,194 | 35,154,126 | 8,622,858 |

V.D. JOB FLOWS INDICATORS

V.D.1. GROSS JOB CREATION RATE OF CONTINUING ENTERPRISES IN AMADEUS SAMPLE BY SIZE-CLASSES, 1999-2006

| TRAMO | 1999 | 2000 | 2001 | 2002 | 2003 | 2004 | 2005 | 2006 | time average | ratio of time averages |
|-----------------|------|------|-------|------|------|------|------|------|--------------|------------------------|
| Micro firms | 8.4 | 10.9 | 309.3 | 1.0 | 10.7 | 2.4 | 2.0 | 18.3 | 45.4 | 15.1 |
| Small firms | 8.3 | 8.1 | 332.1 | 0.7 | 17.9 | 0.1 | 0.5 | 20.5 | 48.5 | 16.6 |
| Medium firms | 8.3 | 2.0 | 234.7 | 0.7 | 22.1 | 0.0 | 0.5 | 33.9 | 37.8 | 17.6 |
| Big firms | 11.9 | 0.2 | 235.5 | 0.5 | 25.1 | 0.0 | 0.6 | 39.8 | 39.2 | 20.7 |
| TRAMO average | 9.2 | 5.3 | 277.9 | 0.7 | 18.9 | 0.6 | 0.9 | 28.1 | 42.7 | 19.4 |
| ratio of totals | 10.8 | 2.1 | 244.5 | 0.5 | 21.0 | 0.1 | 0.7 | 28.7 | 38.6 | |

V.D.2. GROSS JOB CREATION RATE OF ENTERING ENTERPRISES IN AMADEUS SAMPLE BY SIZE-CLASSES, 1999-2006

| TRAMO | 1999 | 2000 | 2001 | 2002 | 2003 | 2004 | 2005 | 2006 | time average | ratio of time averages |
|-----------------|------|------|-------|------|-------|------|------|---------|--------------|------------------------|
| Micro firms | 8.2 | 5.3 | 202.1 | 10.2 | 52.1 | 14.4 | 2.7 | 63.3 | 44.8 | 20.2 |
| Small firms | 2.7 | 0.3 | 137.9 | 1.1 | 214.4 | 11.8 | 0.9 | 377.2 | 93.3 | 20.4 |
| Medium firms | 2.7 | 0.1 | 56.3 | 0.1 | 357.5 | 13.7 | 0.2 | 782.8 | 151.7 | 20.4 |
| Big firms | 3.3 | 0.0 | 29.6 | 0.0 | 447.2 | 7.7 | 0.0 | 1,325.6 | 226.7 | 20.2 |
| TRAMO average | 4.2 | 1.4 | 106.5 | 2.9 | 267.8 | 11.9 | 1.0 | 637.3 | 129.1 | 20.3 |
| ratio of totals | 3.4 | 0.5 | 47.1 | 0.7 | 329.6 | 9.4 | 0.4 | 679.6 | 133.8 | |

V.D.3. GROSS JOB CREATION RATE OF TOTAL ENTERPRISES IN AMADEUS SAMPLE BY SIZE-CLASSES, 1999-2006

| TRAMO | 1999 | 2000 | 2001 | 2002 | 2003 | 2004 | 2005 | 2006 | time average | ratio of time averages |
|-----------------|------|------|-------|------|-------|------|------|---------|--------------|------------------------|
| Micro firms | 16.7 | 16.3 | 511.4 | 11.2 | 62.8 | 16.8 | 4.7 | 81.7 | 90.2 | 35.3 |
| Small firms | 11.1 | 8.4 | 470.0 | 1.8 | 232.3 | 11.9 | 1.5 | 397.7 | 141.8 | 37.0 |
| Medium firms | 11.0 | 2.1 | 291.0 | 0.8 | 379.6 | 13.7 | 0.8 | 816.7 | 189.5 | 38.0 |
| Big firms | 15.2 | 0.2 | 265.1 | 0.5 | 472.3 | 7.7 | 0.6 | 1,365.4 | 265.9 | 40.9 |
| TRAMO average | 13.5 | 6.7 | 384.4 | 3.6 | 286.7 | 12.5 | 1.9 | 665.4 | 171.8 | 39.7 |
| ratio of totals | 14.1 | 2.5 | 291.6 | 1.2 | 350.6 | 9.5 | 1.1 | 708.3 | 172.4 | |

V.D.4. GROSS JOB DESTRUCTION RATE OF CONTINUING ENTERPRISES IN AMADEUS SAMPLE BY SIZE-CLASSES, 1999-2006

| TRAMO | 1999 | 2000 | 2001 | 2002 | 2003 | 2004 | 2005 | 2006 | time average | ratio of time averages |
|-----------------|------|------|-------|------|------|-------|------|-------|--------------|------------------------|
| Micro firms | 6.5 | 8.0 | 77.0 | 5.1 | 12.4 | 161.8 | 2.4 | 31.0 | 38.0 | 26.0 |
| Small firms | 5.8 | 5.0 | 130.8 | 5.2 | 10.7 | 136.6 | 1.7 | 77.4 | 46.6 | 30.0 |
| Medium firms | 5.7 | 1.5 | 108.2 | 4.8 | 3.4 | 124.4 | 1.9 | 132.1 | 47.7 | 32.1 |
| Big firms | 7.8 | 0.1 | 128.2 | 4.6 | 0.3 | 116.8 | 2.7 | 157.4 | 52.2 | 34.5 |
| TRAMO average | 6.5 | 3.7 | 111.0 | 4.9 | 6.7 | 134.9 | 2.2 | 99.5 | 46.2 | 33.1 |
| ratio of totals | 7.2 | 1.4 | 123.5 | 4.7 | 4.4 | 121.9 | 2.4 | 98.7 | 45.5 | |

V.D.5. GROSS JOB DESTRUCTION RATE OF EXITING ENTERPRISES IN AMADEUS SAMPLE BY SIZE-CLASSES, 1999-2006

| TRAMO | 1999 | 2000 | 2001 | 2002 | 2003 | 2004 | 2005 | 2006 | time average | ratio of time averages |
|-----------------|------|------|------|------|------|------|------|-------|--------------|------------------------|
| Micro firms | 2.0 | 1.1 | 16.7 | 4.3 | 4.6 | 88.4 | 9.7 | 44.0 | 21.4 | 17.6 |
| Small firms | 1.7 | 0.2 | 4.9 | 1.4 | 0.3 | 47.8 | 1.1 | 258.8 | 39.5 | 12.0 |
| Medium firms | 1.7 | 0.0 | 2.9 | 1.2 | 0.1 | 23.4 | 0.1 | 541.2 | 71.3 | 8.7 |
| Big firms | 0.7 | 0.0 | 2.8 | 0.8 | 0.0 | 9.4 | 0.0 | 819.1 | 104.1 | 6.9 |
| TRAMO average | 1.5 | 0.3 | 6.8 | 1.9 | 1.2 | 42.3 | 2.7 | 415.8 | 59.1 | 8.5 |
| ratio of totals | 1.0 | 0.1 | 3.4 | 1.1 | 0.9 | 18.9 | 1.0 | 432.8 | 57.4 | |

V.D.6. GROSS JOB DESTRUCTION RATE OF TOTAL ENTERPRISES IN AMADEUS SAMPLE BY SIZE-CLASSES, 1999-2006

| TRAMO | 1999 | 2000 | 2001 | 2002 | 2003 | 2004 | 2005 | 2006 | time average | ratio of time averages |
|-----------------|------|------|-------|------|------|-------|------|-------|--------------|------------------------|
| Micro firms | 8.6 | 9.1 | 93.7 | 9.4 | 17.1 | 250.2 | 12.1 | 75.0 | 59.4 | 43.6 |
| Small firms | 7.5 | 5.2 | 135.7 | 6.6 | 11.0 | 184.4 | 2.7 | 336.2 | 86.2 | 42.0 |
| Medium firms | 7.4 | 1.6 | 111.1 | 6.0 | 3.4 | 147.8 | 2.0 | 673.2 | 119.1 | 40.8 |
| Big firms | 8.5 | 0.1 | 130.9 | 5.4 | 0.3 | 126.3 | 2.7 | 976.5 | 156.3 | 41.4 |
| TRAMO average | 8.0 | 4.0 | 117.8 | 6.8 | 8.0 | 177.2 | 4.9 | 515.2 | 105.2 | 41.5 |
| ratio of totals | 8.2 | 1.6 | 126.9 | 5.8 | 5.3 | 140.8 | 3.4 | 531.6 | 102.9 | |

V.D.7. NET JOB CREATION RATE OF CONTINUING ENTERPRISES IN AMADEUS SAMPLE BY SIZE-CLASSES, 1999-2006

| TRAMO | 1999 | 2000 | 2001 | 2002 | 2003 | 2004 | 2005 | 2006 | time average | ratio of time averages |
|-----------------|------|------|-------|------|------|--------|------|--------|--------------|------------------------|
| Micro firms | 1.9 | 2.9 | 232.3 | -4.1 | -1.7 | -159.4 | -0.4 | -12.7 | 7.3 | -10.9 |
| Small firms | 2.5 | 3.1 | 201.4 | -4.6 | 7.2 | -136.4 | -1.1 | -56.9 | 1.9 | -13.4 |
| Medium firms | 2.6 | 0.5 | 126.5 | -4.1 | 18.7 | -124.4 | -1.4 | -98.2 | -10.0 | -14.5 |
| Big firms | 4.0 | 0.0 | 107.3 | -4.1 | 24.8 | -116.8 | -2.2 | -117.6 | -13.1 | -13.8 |
| TRAMO average | 2.8 | 1.6 | 166.9 | -4.2 | 12.2 | -134.3 | -1.3 | -71.3 | -3.5 | -13.7 |
| ratio of totals | 3.6 | 0.6 | 121.0 | -4.2 | 16.6 | -121.8 | -1.7 | -70.1 | -7.0 | |

V.D.8. NET JOB CREATION RATE OF ENTERING AND EXITING ENTERPRISES IN AMADEUS SAMPLE BY SIZE-CLASSES, 1999-2006

| TRAMO | 1999 | 2000 | 2001 | 2002 | 2003 | 2004 | 2005 | 2006 | time average | ratio of time averages |
|-----------------|------|------|-------|------|-------|-------|------|-------|--------------|------------------------|
| Micro firms | 6.2 | 4.2 | 185.4 | 5.9 | 47.5 | -74.0 | -7.0 | 19.4 | 23.5 | 2.7 |
| Small firms | 1.0 | 0.1 | 133.0 | -0.3 | 214.1 | -36.0 | -0.1 | 118.4 | 53.8 | 8.4 |
| Medium firms | 1.1 | 0.0 | 53.4 | -1.0 | 357.4 | -9.8 | 0.1 | 241.7 | 80.4 | 11.7 |
| Big firms | 2.6 | 0.0 | 26.9 | -0.8 | 447.2 | -1.7 | 0.0 | 506.5 | 122.6 | 13.3 |
| TRAMO average | 2.7 | 1.1 | 99.7 | 1.0 | 266.6 | -30.4 | -1.7 | 221.5 | 70.0 | 11.8 |
| ratio of totals | 2.3 | 0.4 | 43.7 | -0.4 | 328.7 | -9.5 | -0.6 | 246.8 | 76.4 | |

V.D.9. NET JOB CREATION RATE OF TOTAL ENTERPRISES IN AMADEUS SAMPLE BY SIZE-CLASSES, 1999-2006

| TRAMO | 1999 | 2000 | 2001 | 2002 | 2003 | 2004 | 2005 | 2006 | time average | ratio of time averages |
|-----------------|------|------|-------|------|-------|--------|------|-------|--------------|------------------------|
| Micro firms | 8.1 | 7.1 | 417.7 | 1.8 | 45.8 | -233.4 | -7.4 | 6.7 | 30.8 | -8.2 |
| Small firms | 3.5 | 3.2 | 334.4 | -4.8 | 221.3 | -172.5 | -1.3 | 61.5 | 55.7 | -4.9 |
| Medium firms | 3.7 | 0.5 | 179.9 | -5.2 | 376.1 | -134.2 | -1.3 | 143.5 | 70.4 | -2.8 |
| Big firms | 6.6 | 0.0 | 134.2 | -4.9 | 471.9 | -118.6 | -2.1 | 388.9 | 109.5 | -0.5 |
| TRAMO average | 5.5 | 2.7 | 266.5 | -3.3 | 278.8 | -164.6 | -3.0 | 150.2 | 66.6 | -1.9 |
| ratio of totals | 5.9 | 1.0 | 164.7 | -4.6 | 345.3 | -131.3 | -2.3 | 176.7 | 69.4 | |

V.D.10. GROSS JOB REALLOCATION RATE OF CONTINUING ENTERPRISES IN AMADEUS SAMPLE BY SIZE-CLASSES, 1999-2006

| TRAMO | 1999 | 2000 | 2001 | 2002 | 2003 | 2004 | 2005 | 2006 | time average | ratio of time averages |
|-----------------|------|------|-------|------|------|-------|------|-------|--------------|------------------------|
| Micro firms | 15.0 | 19.0 | 386.3 | 6.0 | 23.1 | 164.2 | 4.3 | 49.4 | 83.4 | 41.1 |
| Small firms | 14.2 | 13.1 | 462.9 | 5.9 | 28.6 | 136.7 | 2.2 | 97.9 | 95.2 | 46.6 |
| Medium firms | 14.0 | 3.6 | 342.9 | 5.5 | 25.5 | 124.4 | 2.4 | 166.0 | 85.5 | 49.7 |
| Big firms | 19.7 | 0.3 | 363.6 | 5.0 | 25.4 | 116.8 | 3.3 | 197.2 | 91.4 | 55.2 |
| TRAMO average | 15.7 | 9.0 | 388.9 | 5.6 | 25.7 | 135.5 | 3.1 | 127.6 | 88.9 | 52.5 |
| ratio of totals | 18.0 | 3.5 | 368.1 | 5.2 | 25.5 | 122.0 | 3.1 | 127.4 | 84.1 | |

V.D.11. GROSS JOB REALLOCATION RATE OF ENTERING AND EXITING ENTERPRISES IN AMADEUS SAMPLE BY SIZE-CLASSES, 1999-2006

| TRAMO | 1999 | 2000 | 2001 | 2002 | 2003 | 2004 | 2005 | 2006 | time average | ratio of time averages |
|-----------------|------|------|-------|------|-------|-------|------|---------|--------------|------------------------|
| Micro firms | 10.3 | 6.4 | 218.8 | 14.5 | 56.8 | 102.8 | 12.5 | 107.3 | 66.2 | 37.8 |
| Small firms | 4.4 | 0.5 | 142.9 | 2.5 | 214.7 | 59.6 | 2.0 | 636.0 | 132.8 | 32.3 |
| Medium firms | 4.4 | 0.1 | 59.2 | 1.3 | 357.5 | 37.1 | 0.4 | 1,324.0 | 223.0 | 29.1 |
| Big firms | 4.0 | 0.0 | 32.4 | 0.8 | 447.2 | 17.1 | 0.0 | 2,144.8 | 330.8 | 27.1 |
| TRAMO average | 5.8 | 1.8 | 113.3 | 4.8 | 269.0 | 54.1 | 3.7 | 1,053.0 | 188.2 | 28.7 |
| ratio of totals | 4.4 | 0.6 | 50.4 | 1.8 | 330.5 | 28.2 | 1.4 | 1,112.4 | 191.2 | |

V.D.12. GROSS JOB REALLOCATION RATE OF TOTAL ENTERPRISES IN AMADEUS SAMPLE BY SIZE-CLASSES, 1999-2006

| TRAMO | 1999 | 2000 | 2001 | 2002 | 2003 | 2004 | 2005 | 2006 | time average | ratio of time averages |
|-----------------|------|------|-------|------|-------|-------|------|---------|--------------|------------------------|
| Micro firms | 25.2 | 25.4 | 605.1 | 20.6 | 79.9 | 267.0 | 16.8 | 156.7 | 149.6 | 78.9 |
| Small firms | 18.6 | 13.6 | 605.7 | 8.4 | 243.3 | 196.3 | 4.2 | 733.9 | 228.0 | 79.0 |
| Medium firms | 18.4 | 3.7 | 402.1 | 6.8 | 383.0 | 161.5 | 2.8 | 1,490.0 | 308.5 | 78.8 |
| Big firms | 23.7 | 0.3 | 396.0 | 5.8 | 472.6 | 133.9 | 3.3 | 2,341.9 | 422.2 | 82.4 |
| TRAMO average | 21.5 | 10.7 | 502.2 | 10.4 | 294.7 | 189.7 | 6.8 | 1,180.6 | 277.1 | 81.2 |
| ratio of totals | 22.4 | 4.1 | 418.5 | 7.0 | 355.9 | 150.3 | 4.5 | 1,239.8 | 275.3 | |

V.D.13. EXCESS REALLOCATION RATE OF TOTAL ENTERPRISES IN AMADEUS SAMPLE BY SIZE-CLASSES, 1999-2006

| TRAMO | 1999 | 2000 | 2001 | 2002 | 2003 | 2004 | 2005 | 2006 | time average | ratio of time averages |
|-----------------|------|------|-------|------|------|-------|------|---------|--------------|------------------------|
| Micro firms | 17.2 | 18.3 | 187.4 | 18.7 | 34.1 | 500.3 | 24.2 | 150.0 | 118.8 | 87.1 |
| Small firms | 15.0 | 10.4 | 271.4 | 13.2 | 22.0 | 368.8 | 5.5 | 672.4 | 172.3 | 83.9 |
| Medium firms | 14.7 | 3.1 | 222.1 | 12.0 | 6.9 | 295.7 | 4.1 | 1,346.5 | 238.1 | 81.7 |
| Big firms | 17.1 | 0.3 | 261.8 | 10.8 | 0.6 | 252.5 | 5.4 | 1,953.0 | 312.7 | 82.8 |
| TRAMO average | 16.0 | 8.0 | 235.7 | 13.7 | 15.9 | 354.3 | 9.8 | 1,030.5 | 210.5 | 83.0 |
| ratio of totals | 16.5 | 3.1 | 253.8 | 11.6 | 10.6 | 281.6 | 6.8 | 1,063.1 | 205.9 | |

ANNEX VI

JOB FLOWS IN EUROPE. RESULTS BY TIME AVERAGE SIZE-CLASSES

VI.A. FINAL SAMPLE OF FIRMS FROM AMADEUS DATABASE

VI.A.1. ENTERPRISES IN AMADEUS SAMPLE BY SIZE-CLASSES, 1999-2006

| Size-classes | 1999 | 2000 | 2001 | 2002 | 2003 | 2004 | 2005 | 2006 | time average |
|--------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|
| Micro firms | 1,153,822 | 1,502,753 | 1,828,960 | 2,174,237 | 2,563,719 | 2,823,541 | 2,854,489 | 2,030,505 | 2,116,503 |
| Small firms | 549,119 | 650,850 | 714,149 | 815,421 | 884,499 | 947,449 | 944,834 | 653,557 | 769,985 |
| Medium firms | 150,617 | 199,453 | 219,843 | 253,475 | 262,832 | 272,383 | 264,714 | 157,760 | 222,635 |
| Big firms | 40,685 | 62,623 | 69,210 | 74,566 | 74,903 | 70,228 | 67,428 | 40,258 | 62,488 |
| TOTAL | 1,894,243 | 2,415,679 | 2,832,162 | 3,317,699 | 3,785,953 | 4,113,601 | 4,131,465 | 2,882,080 | 3,171,610 |

VI.A.2. PERCENTAGE OF CONTINUING ENTERPRISES IN AMADEUS SAMPLE BY SIZE-CLASSES. 1999-2006

| Size-classes | 1999 | 2000 | 2001 | 2002 | 2003 | 2004 | 2005 | 2006 | time average | ratio of time averages |
|----------------------|------|------|------|------|------|------|------|------|--------------|------------------------|
| Micro firms | 92.8 | 92.5 | 93.0 | 93.1 | 94.1 | 93.7 | 94.4 | 97.0 | 93.8 | 93.9 |
| Small firms | 96.7 | 96.6 | 96.9 | 97.3 | 98.1 | 98.3 | 98.7 | 99.6 | 97.8 | 97.8 |
| Medium firms | 97.4 | 97.4 | 97.7 | 98.2 | 98.8 | 98.8 | 99.1 | 99.6 | 98.4 | 98.4 |
| Big firms | 96.9 | 97.8 | 98.0 | 98.4 | 98.7 | 98.7 | 98.9 | 99.6 | 98.4 | 98.4 |
| Size-classes average | 95.9 | 96.1 | 96.4 | 96.8 | 97.4 | 97.4 | 97.8 | 98.9 | 97.1 | 95.3 |
| ratio of totals | 94.4 | 94.2 | 94.5 | 94.7 | 95.4 | 95.1 | 95.7 | 97.8 | 95.2 | |

VI.A.3. PERCENTAGE OF CONTINUING EMPLOYMENT CREATOR ENTERPRISES IN AMADEUS SAMPLE BY SIZE-CLASSES. 1999-2006

| Size-classes | 1999 | 2000 | 2001 | 2002 | 2003 | 2004 | 2005 | 2006 | time average | ratio of time averages |
|----------------------|------|------|------|------|------|------|------|------|--------------|------------------------|
| Micro firms | 16.5 | 16.0 | 14.9 | 15.5 | 17.1 | 19.0 | 19.1 | 20.5 | 17.3 | 17.6 |
| Small firms | 38.7 | 38.2 | 34.5 | 33.8 | 33.5 | 34.4 | 36.0 | 31.8 | 35.1 | 34.9 |
| Medium firms | 48.1 | 46.4 | 41.3 | 39.4 | 39.7 | 41.2 | 42.5 | 40.5 | 42.4 | 42.0 |
| Big firms | 53.1 | 51.9 | 46.2 | 42.3 | 42.4 | 42.2 | 44.5 | 44.1 | 45.8 | 45.4 |
| Size-classes average | 39.1 | 38.1 | 34.2 | 32.7 | 33.2 | 34.2 | 35.5 | 34.2 | 35.2 | 24.1 |
| ratio of totals | 26.2 | 25.4 | 22.7 | 22.4 | 23.0 | 24.4 | 24.9 | 24.5 | 24.2 | |

VI.A.4. PERCENTAGE OF CONTINUING EMPLOYMENT DESTROYER ENTERPRISES IN AMADEUS SAMPLE BY SIZE-CLASSES. 1999-2006

| Size-classes | 1999 | 2000 | 2001 | 2002 | 2003 | 2004 | 2005 | 2006 | time average | ratio of time averages |
|----------------------|------|------|------|------|------|------|------|------|--------------|------------------------|
| Micro firms | 14.7 | 13.5 | 13.3 | 14.7 | 15.5 | 14.0 | 16.2 | 12.3 | 14.3 | 14.4 |
| Small firms | 21.7 | 21.9 | 22.4 | 25.5 | 29.9 | 27.4 | 29.4 | 25.9 | 25.5 | 26.0 |
| Medium firms | 26.9 | 31.0 | 33.7 | 37.8 | 39.6 | 37.3 | 37.8 | 33.4 | 34.7 | 35.4 |
| Big firms | 30.0 | 35.2 | 37.0 | 44.0 | 40.2 | 42.5 | 42.0 | 39.6 | 38.8 | 39.4 |
| Size-classes average | 23.3 | 25.4 | 26.6 | 30.5 | 31.3 | 30.3 | 31.3 | 27.8 | 28.3 | 19.2 |
| ratio of totals | 18.0 | 17.8 | 17.7 | 19.8 | 21.0 | 19.1 | 21.0 | 16.9 | 18.9 | |

VI.A.5. PERCENTAGE OF CONTINUING EMPLOYMENT STABLE ENTERPRISES IN AMADEUS SAMPLE BY SIZE-CLASSES. 1999-2006

| Size-classes | 1999 | 2000 | 2001 | 2002 | 2003 | 2004 | 2005 | 2006 | time average | ratio of time averages |
|----------------------|------|------|------|------|------|------|------|------|--------------|------------------------|
| Micro firms | 61.6 | 63.0 | 64.8 | 62.9 | 61.5 | 60.7 | 59.1 | 64.2 | 62.2 | 62.0 |
| Small firms | 36.3 | 36.6 | 40.0 | 38.0 | 34.7 | 36.5 | 33.3 | 41.9 | 37.1 | 36.9 |
| Medium firms | 22.4 | 20.0 | 22.7 | 21.1 | 19.5 | 20.3 | 18.7 | 25.7 | 21.3 | 21.0 |
| Big firms | 13.8 | 10.7 | 14.9 | 12.0 | 16.1 | 14.0 | 12.4 | 15.9 | 13.7 | 13.7 |
| Size-classes average | 33.5 | 32.6 | 35.6 | 33.5 | 32.9 | 32.9 | 30.9 | 36.9 | 33.6 | 52.0 |
| ratio of totals | 50.1 | 51.0 | 54.1 | 52.4 | 51.4 | 51.7 | 49.8 | 56.4 | 52.1 | |

VI.A.6. PERCENTAGE OF ENTERING ENTERPRISES IN AMADEUS SAMPLE BY SIZE-CLASSES. 1999-2006

| Size-classes | 1999 | 2000 | 2001 | 2002 | 2003 | 2004 | 2005 | 2006 | time average | ratio of time averages |
|----------------------|------|------|------|------|------|------|------|------|--------------|------------------------|
| Micro firms | 7.2 | 7.5 | 7.0 | 6.9 | 5.9 | 6.3 | 5.6 | 3.0 | 6.2 | 6.1 |
| Small firms | 3.3 | 3.4 | 3.1 | 2.7 | 1.9 | 1.7 | 1.3 | 0.4 | 2.2 | 2.2 |
| Medium firms | 2.6 | 2.6 | 2.3 | 1.8 | 1.2 | 1.2 | 0.9 | 0.4 | 1.6 | 1.6 |
| Big firms | 3.1 | 2.2 | 2.0 | 1.6 | 1.3 | 1.3 | 1.1 | 0.4 | 1.6 | 1.6 |
| Size-classes average | 4.1 | 3.9 | 3.6 | 3.2 | 2.6 | 2.6 | 2.2 | 1.1 | 2.9 | 4.7 |
| ratio of totals | 5.6 | 5.8 | 5.5 | 5.3 | 4.6 | 4.9 | 4.3 | 2.2 | 4.8 | |

VI.A.7. PERCENTAGE OF EXITING ENTERPRISES IN AMADEUS SAMPLE BY SIZE-CLASSES. 1999-2006

| Size-classes | 1999 | 2000 | 2001 | 2002 | 2003 | 2004 | 2005 | 2006 | time average | ratio of time averages |
|----------------------|------|------|------|------|------|------|------|------|--------------|------------------------|
| Micro firms | 1.5 | 1.6 | 2.5 | 4.0 | 4.8 | 5.7 | 6.6 | 14.8 | 5.2 | 5.6 |
| Small firms | 0.8 | 1.1 | 1.7 | 2.2 | 3.1 | 3.6 | 4.3 | 9.1 | 3.2 | 3.3 |
| Medium firms | 0.9 | 1.3 | 1.8 | 2.0 | 3.2 | 4.2 | 4.4 | 8.8 | 3.3 | 3.3 |
| Big firms | 0.6 | 1.2 | 1.8 | 2.3 | 3.5 | 5.6 | 4.5 | 10.3 | 3.7 | 3.6 |
| Size-classes average | 1.0 | 1.3 | 2.0 | 2.7 | 3.6 | 4.8 | 4.9 | 10.8 | 3.9 | 4.8 |
| ratio of totals | 1.3 | 1.4 | 2.2 | 3.4 | 4.2 | 5.1 | 5.9 | 13.1 | 4.6 | |

VI.B. EMPLOYEES DISTRIBUTION BY FIRM TYPES IN AMADEUS DATABASE

VI.B.1. EMPLOYEES IN AMADEUS SAMPLE BY SIZE-CLASSES, 1999-2006

| Size-classes | 1999 | 2000 | 2001 | 2002 | 2003 | 2004 | 2005 | 2006 | time average |
|--------------|-------------------|--------------------|--------------------|--------------------|--------------------|--------------------|--------------------|--------------------|--------------------|
| Micro firms | 4,533,323 | 5,641,131 | 6,688,281 | 8,000,066 | 9,262,231 | 10,155,816 | 10,616,888 | 8,279,410 | 7,897,143 |
| Small firms | 11,319,003 | 13,725,692 | 15,183,108 | 17,583,432 | 18,885,064 | 19,951,047 | 20,373,563 | 15,165,516 | 16,523,303 |
| Medium firms | 14,993,314 | 22,103,770 | 24,874,794 | 28,650,724 | 28,756,301 | 28,560,656 | 28,203,742 | 18,319,664 | 24,307,871 |
| Big firms | 66,557,308 | 96,288,132 | 107,612,589 | 110,886,754 | 109,713,687 | 102,251,088 | 96,352,821 | 73,768,845 | 95,428,903 |
| TOTAL | 97,402,948 | 137,758,725 | 154,358,772 | 165,120,976 | 166,617,283 | 160,918,607 | 155,547,014 | 115,533,435 | 144,157,220 |

VI.B.2. PROPORTION OF CONTINUING FIRMS EMPLOYEES IN TOTAL EMPLOYEES IN AMADEUS SAMPLE BY SIZE-CLASSES. 1999-2006

| Size-classes | 1999 | 2000 | 2001 | 2002 | 2003 | 2004 | 2005 | 2006 | time average | ratio of time averages |
|----------------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|--------------|------------------------|
| Micro firms | 95.5 | 95.5 | 95.2 | 94.6 | 94.8 | 94.1 | 94.1 | 91.4 | 94.4 | 94.2 |
| Small firms | 97.8 | 97.9 | 97.6 | 97.6 | 97.5 | 97.1 | 97.0 | 95.0 | 97.2 | 97.2 |
| Medium firms | 97.9 | 98.0 | 98.0 | 98.1 | 97.8 | 97.1 | 97.2 | 95.2 | 97.4 | 97.4 |
| Big firms | 97.9 | 98.3 | 98.0 | 98.0 | 97.2 | 95.7 | 96.6 | 94.5 | 97.0 | 97.1 |
| Size-classes average | 97.3 | 97.4 | 97.2 | 97.1 | 96.8 | 96.0 | 96.2 | 94.0 | 96.5 | 97.0 |
| ratio of totals | 97.8 | 98.1 | 97.9 | 97.8 | 97.2 | 96.0 | 96.6 | 94.5 | 97.0 | |

VI.B.3. PROPORTION OF EMPLOYMENT CREATOR CONTINUING FIRMS EMPLOYEES IN TOTAL EMPLOYEES IN AMADEUS SAMPLE BY SIZE-CLASSES. 1999-2006

| Size-classes | 1999 | 2000 | 2001 | 2002 | 2003 | 2004 | 2005 | 2006 | time average | ratio of time averages |
|----------------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|--------------|------------------------|
| Micro firms | 21.1 | 21.5 | 20.2 | 21.0 | 23.2 | 25.3 | 27.0 | 27.7 | 23.4 | 23.9 |
| Small firms | 37.6 | 37.8 | 34.9 | 34.3 | 34.6 | 35.8 | 38.2 | 36.4 | 36.2 | 36.1 |
| Medium firms | 44.3 | 43.4 | 39.6 | 38.2 | 41.0 | 42.2 | 44.7 | 44.4 | 42.2 | 42.0 |
| Big firms | 55.9 | 55.3 | 49.3 | 43.9 | 43.2 | 43.6 | 50.9 | 53.2 | 49.4 | 48.8 |
| Size-classes average | 39.7 | 39.5 | 36.0 | 34.4 | 35.5 | 36.7 | 40.2 | 40.4 | 37.8 | 44.8 |
| ratio of totals | 50.4 | 50.3 | 45.1 | 40.8 | 40.7 | 41.2 | 46.5 | 47.8 | 45.3 | |

VI.B.4. PROPORTION OF EMPLOYMENT DESTROYER CONTINUING FIRMS EMPLOYEES IN TOTAL EMPLOYEES IN AMADEUS SAMPLE BY SIZE-CLASSES. 1999-2006

| Size-classes | 1999 | 2000 | 2001 | 2002 | 2003 | 2004 | 2005 | 2006 | time average | ratio of time averages |
|----------------------|------|------|------|------|------|------|------|------|--------------|------------------------|
| Micro firms | 21.4 | 19.1 | 18.3 | 20.1 | 20.9 | 18.5 | 20.3 | 14.6 | 19.1 | 19.1 |
| Small firms | 26.4 | 26.6 | 25.9 | 28.7 | 31.4 | 28.2 | 28.9 | 23.3 | 27.4 | 27.7 |
| Medium firms | 32.7 | 37.2 | 38.4 | 41.3 | 38.9 | 36.2 | 35.4 | 29.6 | 36.2 | 36.7 |
| Big firms | 34.8 | 36.9 | 37.4 | 47.0 | 41.7 | 43.6 | 37.5 | 33.9 | 39.1 | 39.6 |
| Size-classes average | 28.8 | 29.9 | 30.0 | 34.3 | 33.2 | 31.6 | 30.5 | 25.3 | 30.5 | 36.6 |
| ratio of totals | 32.9 | 35.2 | 35.6 | 42.7 | 38.9 | 38.8 | 34.8 | 30.4 | 36.2 | |

VI.B.5. PROPORTION OF STABLE EMPLOYMENT CONTINUING FIRMS EMPLOYEES IN TOTAL EMPLOYEES IN AMADEUS SAMPLE BY SIZE-CLASSES. 1999-2006

| Size-classes | 1999 | 2000 | 2001 | 2002 | 2003 | 2004 | 2005 | 2006 | time average | ratio of time averages |
|----------------------|------|------|------|------|------|------|------|------|--------------|------------------------|
| Micro firms | 53.1 | 54.9 | 56.6 | 53.5 | 50.7 | 50.3 | 46.8 | 49.1 | 51.9 | 51.3 |
| Small firms | 33.8 | 33.5 | 36.9 | 34.5 | 31.4 | 33.2 | 29.8 | 35.3 | 33.5 | 33.3 |
| Medium firms | 21.0 | 17.4 | 20.0 | 18.5 | 17.8 | 18.7 | 17.1 | 21.1 | 19.0 | 18.7 |
| Big firms | 7.2 | 6.1 | 11.3 | 7.2 | 12.3 | 8.5 | 8.2 | 7.5 | 8.5 | 8.7 |
| Size-classes average | 28.7 | 28.0 | 31.2 | 28.4 | 28.1 | 27.7 | 25.5 | 28.2 | 28.2 | 15.5 |
| ratio of totals | 14.5 | 12.6 | 17.2 | 14.3 | 17.6 | 16.0 | 15.3 | 16.3 | 15.5 | |

VI.B.6. PROPORTION OF ENTERING FIRMS EMPLOYEES IN TOTAL EMPLOYEES IN AMADEUS SAMPLE BY SIZE-CLASSES. 1999-2006

| Size-classes | 1999 | 2000 | 2001 | 2002 | 2003 | 2004 | 2005 | 2006 | time average | ratio of time averages |
|----------------------|------|------|------|------|------|------|------|------|--------------|------------------------|
| Micro firms | 3.3 | 3.6 | 3.4 | 3.3 | 2.6 | 2.8 | 2.5 | 1.3 | 2.9 | 2.8 |
| Small firms | 1.4 | 1.4 | 1.3 | 1.2 | 0.8 | 0.8 | 0.7 | 0.4 | 1.0 | 1.0 |
| Medium firms | 1.3 | 1.2 | 1.0 | 0.8 | 0.6 | 0.7 | 0.6 | 0.4 | 0.8 | 0.8 |
| Big firms | 1.8 | 1.2 | 1.1 | 0.7 | 0.7 | 0.7 | 0.7 | 0.3 | 0.9 | 0.9 |
| Size-classes average | 1.9 | 1.9 | 1.7 | 1.5 | 1.2 | 1.3 | 1.1 | 0.6 | 1.4 | 1.0 |
| ratio of totals | 1.7 | 1.3 | 1.2 | 0.9 | 0.8 | 0.9 | 0.8 | 0.4 | 1.0 | |

VI.B.7. PROPORTION OF EXITING FIRMS EMPLOYEES IN TOTAL EMPLOYEES IN AMADEUS SAMPLE BY SIZE-CLASSES. 1999-2006

| Size-classes | 1999 | 2000 | 2001 | 2002 | 2003 | 2004 | 2005 | 2006 | time average | ratio of time averages |
|----------------------|------|------|------|------|------|------|------|------|--------------|------------------------|
| Micro firms | 1.1 | 0.9 | 1.4 | 2.1 | 2.6 | 3.1 | 3.5 | 7.3 | 2.8 | 3.0 |
| Small firms | 0.8 | 0.7 | 1.0 | 1.3 | 1.7 | 2.1 | 2.3 | 4.6 | 1.8 | 1.9 |
| Medium firms | 0.8 | 0.8 | 1.0 | 1.1 | 1.7 | 2.2 | 2.3 | 4.5 | 1.8 | 1.8 |
| Big firms | 0.4 | 0.6 | 0.8 | 1.3 | 2.1 | 3.5 | 2.7 | 5.1 | 2.1 | 2.0 |
| Size-classes average | 0.8 | 0.8 | 1.1 | 1.4 | 2.0 | 2.7 | 2.7 | 5.4 | 2.1 | 2.0 |
| ratio of totals | 0.5 | 0.6 | 0.9 | 1.3 | 2.0 | 3.1 | 2.6 | 5.1 | 2.0 | |

VI.C. JOB FLOWS

VI.C.1. GROSS EMPLOYMENT CREATED BY CONTINUING ENTERPRISES IN AMADEUS SAMPLE BY SIZE-CLASSES, 1999-2006

| Size-classes | 1999 | 2000 | 2001 | 2002 | 2003 | 2004 | 2005 | 2006 | time average |
|--------------|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|------------------|-------------------|
| Micro firms | 309,459 | 430,436 | 508,024 | 640,474 | 842,858 | 1,121,690 | 1,427,904 | 963,402 | 780,531 |
| Small firms | 889,798 | 1,242,986 | 1,337,763 | 1,452,110 | 1,662,881 | 2,188,597 | 2,308,716 | 1,419,353 | 1,562,776 |
| Medium firms | 1,194,783 | 1,796,591 | 2,018,153 | 2,148,004 | 2,286,232 | 3,315,998 | 2,402,315 | 1,606,890 | 2,096,121 |
| Big firms | 8,105,789 | 9,637,376 | 9,253,846 | 7,957,112 | 7,492,773 | 7,922,774 | 6,684,995 | 5,337,375 | 7,799,005 |
| TOTAL | 10,499,829 | 13,107,389 | 13,117,786 | 12,197,700 | 12,284,744 | 14,549,059 | 12,823,930 | 9,327,020 | 12,238,432 |

VI.C.2. GROSS EMPLOYMENT DESTROYED BY CONTINUING ENTERPRISES IN AMADEUS SAMPLE BY SIZE-CLASSES, 1999-2006

| Size-classes | 1999 | 2000 | 2001 | 2002 | 2003 | 2004 | 2005 | 2006 | time average |
|--------------|------------------|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|------------------|-------------------|
| Micro firms | 390,290 | 416,885 | 489,214 | 652,239 | 798,393 | 791,517 | 881,456 | 428,400 | 606,049 |
| Small firms | 777,896 | 988,000 | 1,065,963 | 1,331,900 | 1,976,431 | 1,597,287 | 1,547,698 | 779,746 | 1,258,115 |
| Medium firms | 955,140 | 1,644,694 | 1,959,181 | 2,620,177 | 3,829,233 | 3,135,636 | 2,124,982 | 924,856 | 2,149,237 |
| Big firms | 4,913,143 | 7,137,985 | 7,065,406 | 7,978,260 | 7,407,590 | 7,287,248 | 6,319,640 | 4,200,973 | 6,538,781 |
| TOTAL | 7,036,469 | 10,187,564 | 10,579,764 | 12,582,576 | 14,011,647 | 12,811,688 | 10,873,776 | 6,333,975 | 10,552,182 |

VI.C.3. GROSS EMPLOYMENT CREATED BY ENTERING ENTERPRISES IN AMADEUS SAMPLE BY SIZE-CLASSES, 1999-2006

| Size-classes | 1999 | 2000 | 2001 | 2002 | 2003 | 2004 | 2005 | 2006 | time average |
|--------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|----------------|------------------|
| Micro firms | 255,058 | 338,537 | 374,732 | 428,247 | 386,110 | 450,291 | 416,439 | 179,695 | 353,639 |
| Small firms | 300,526 | 377,163 | 391,313 | 402,784 | 299,738 | 324,491 | 280,814 | 107,811 | 310,580 |
| Medium firms | 373,767 | 529,626 | 506,735 | 472,187 | 328,570 | 377,378 | 317,162 | 129,710 | 379,392 |
| Big firms | 2,346,591 | 2,263,980 | 2,438,283 | 1,582,390 | 1,512,331 | 1,504,009 | 1,315,389 | 499,152 | 1,682,766 |
| TOTAL | 3,275,942 | 3,509,306 | 3,711,063 | 2,885,608 | 2,526,749 | 2,656,169 | 2,329,804 | 916,368 | 2,726,376 |

VI.C.4. GROSS EMPLOYMENT DESTROYED BY EXITING ENTERPRISES IN AMADEUS SAMPLE BY SIZE-CLASSES, 1999-2006

| Size-classes | 1999 | 2000 | 2001 | 2002 | 2003 | 2004 | 2005 | 2006 | time average |
|--------------|----------------|------------------|------------------|------------------|------------------|------------------|------------------|-------------------|------------------|
| Micro firms | 92,015 | 92,497 | 165,900 | 281,231 | 406,401 | 530,906 | 619,531 | 1,026,444 | 401,866 |
| Small firms | 186,710 | 195,020 | 309,943 | 438,651 | 630,547 | 807,942 | 926,546 | 1,379,390 | 609,344 |
| Medium firms | 247,941 | 353,603 | 507,886 | 620,686 | 953,847 | 1,269,378 | 1,283,493 | 1,638,500 | 859,417 |
| Big firms | 470,964 | 1,082,398 | 1,774,604 | 2,790,833 | 4,703,655 | 7,249,396 | 5,190,266 | 7,573,637 | 3,854,469 |
| TOTAL | 997,630 | 1,723,518 | 2,758,333 | 4,131,401 | 6,694,450 | 9,857,622 | 8,019,836 | 11,617,971 | 5,725,095 |

VI.D. JOB FLOWS INDICATORS

VI.D.1. GROSS JOB CREATION RATE OF CONTINUING ENTERPRISES IN AMADEUS SAMPLE BY SIZE-CLASSES, 1999-2006

| TRAMO | 1999 | 2000 | 2001 | 2002 | 2003 | 2004 | 2005 | 2006 | time average | ratio of time averages |
|-----------------|------|------|------|------|------|------|------|------|--------------|------------------------|
| Micro firms | 6.8 | 7.6 | 7.6 | 8.0 | 9.1 | 11.0 | 13.4 | 11.6 | 9.4 | 9.9 |
| Small firms | 7.9 | 9.1 | 8.8 | 8.3 | 8.8 | 11.0 | 11.3 | 9.4 | 9.3 | 9.5 |
| Medium firms | 8.0 | 8.1 | 8.1 | 7.5 | 8.0 | 11.6 | 8.5 | 8.8 | 8.6 | 8.6 |
| Big firms | 12.2 | 10.0 | 8.6 | 7.2 | 6.8 | 7.7 | 6.9 | 7.2 | 8.3 | 8.2 |
| TRAMO average | 8.7 | 8.7 | 8.3 | 7.7 | 8.2 | 10.3 | 10.1 | 9.3 | 8.9 | 8.5 |
| ratio of totals | 10.8 | 9.5 | 8.5 | 7.4 | 7.4 | 9.0 | 8.2 | 8.1 | 8.6 | |

VI.D.2. GROSS JOB CREATION RATE OF ENTERING ENTERPRISES IN AMADEUS SAMPLE BY SIZE-CLASSES, 1999-2006

| TRAMO | 1999 | 2000 | 2001 | 2002 | 2003 | 2004 | 2005 | 2006 | time average | ratio of time averages |
|-----------------|------|------|------|------|------|------|------|------|--------------|------------------------|
| Micro firms | 5.6 | 6.0 | 5.6 | 5.4 | 4.2 | 4.4 | 3.9 | 2.2 | 4.7 | 4.5 |
| Small firms | 2.7 | 2.7 | 2.6 | 2.3 | 1.6 | 1.6 | 1.4 | 0.7 | 1.9 | 1.9 |
| Medium firms | 2.5 | 2.4 | 2.0 | 1.6 | 1.1 | 1.3 | 1.1 | 0.7 | 1.6 | 1.6 |
| Big firms | 3.5 | 2.4 | 2.3 | 1.4 | 1.4 | 1.5 | 1.4 | 0.7 | 1.8 | 1.8 |
| TRAMO average | 3.6 | 3.4 | 3.1 | 2.7 | 2.1 | 2.2 | 1.9 | 1.1 | 2.5 | 1.9 |
| ratio of totals | 3.4 | 2.5 | 2.4 | 1.7 | 1.5 | 1.7 | 1.5 | 0.8 | 1.9 | |

VI.D.3. GROSS JOB CREATION RATE OF TOTAL ENTERPRISES IN AMADEUS SAMPLE BY SIZE-CLASSES, 1999-2006

| TRAMO | 1999 | 2000 | 2001 | 2002 | 2003 | 2004 | 2005 | 2006 | time average | ratio of time averages |
|-----------------|------|------|------|------|------|------|------|------|--------------|------------------------|
| Micro firms | 12.5 | 13.6 | 13.2 | 13.4 | 13.3 | 15.5 | 17.4 | 13.8 | 14.1 | 14.4 |
| Small firms | 10.5 | 11.8 | 11.4 | 10.5 | 10.4 | 12.6 | 12.7 | 10.1 | 11.3 | 11.3 |
| Medium firms | 10.5 | 10.5 | 10.2 | 9.1 | 9.1 | 12.9 | 9.6 | 9.5 | 10.2 | 10.2 |
| Big firms | 15.7 | 12.4 | 10.9 | 8.6 | 8.2 | 9.2 | 8.3 | 7.9 | 10.1 | 9.9 |
| TRAMO average | 12.3 | 12.1 | 11.4 | 10.4 | 10.2 | 12.6 | 12.0 | 10.3 | 11.4 | 10.4 |
| ratio of totals | 14.1 | 12.1 | 10.9 | 9.1 | 8.9 | 10.7 | 9.7 | 8.9 | 10.6 | |

VI.D.4. GROSS JOB DESTRUCTION RATE OF CONTINUING ENTERPRISES IN AMADEUS SAMPLE BY SIZE-CLASSES, 1999-2006

| TRAMO | 1999 | 2000 | 2001 | 2002 | 2003 | 2004 | 2005 | 2006 | time average | ratio of time averages |
|-----------------|------|------|------|------|------|------|------|------|--------------|------------------------|
| Micro firms | 8.6 | 7.4 | 7.3 | 8.2 | 8.6 | 7.8 | 8.3 | 5.2 | 7.7 | 7.7 |
| Small firms | 6.9 | 7.2 | 7.0 | 7.6 | 10.5 | 8.0 | 7.6 | 5.1 | 7.5 | 7.6 |
| Medium firms | 6.4 | 7.4 | 7.9 | 9.1 | 13.3 | 11.0 | 7.5 | 5.0 | 8.5 | 8.8 |
| Big firms | 7.4 | 7.4 | 6.6 | 7.2 | 6.8 | 7.1 | 6.6 | 5.7 | 6.8 | 6.9 |
| TRAMO average | 7.3 | 7.4 | 7.2 | 8.0 | 9.8 | 8.5 | 7.5 | 5.3 | 7.6 | 7.3 |
| ratio of totals | 7.2 | 7.4 | 6.9 | 7.6 | 8.4 | 8.0 | 7.0 | 5.5 | 7.2 | |

VI.D.5. GROSS JOB DESTRUCTION RATE OF EXITING ENTERPRISES IN AMADEUS SAMPLE BY SIZE-CLASSES, 1999-2006

| TRAMO | 1999 | 2000 | 2001 | 2002 | 2003 | 2004 | 2005 | 2006 | time average | ratio of time averages |
|-----------------|------|------|------|------|------|------|------|------|--------------|------------------------|
| Micro firms | 2.0 | 1.6 | 2.5 | 3.5 | 4.4 | 5.2 | 5.8 | 12.4 | 4.7 | 5.1 |
| Small firms | 1.6 | 1.4 | 2.0 | 2.5 | 3.3 | 4.0 | 4.5 | 9.1 | 3.6 | 3.7 |
| Medium firms | 1.7 | 1.6 | 2.0 | 2.2 | 3.3 | 4.4 | 4.6 | 8.9 | 3.6 | 3.5 |
| Big firms | 0.7 | 1.1 | 1.6 | 2.5 | 4.3 | 7.1 | 5.4 | 10.3 | 4.1 | 4.0 |
| TRAMO average | 1.5 | 1.4 | 2.1 | 2.7 | 3.8 | 5.2 | 5.1 | 10.2 | 4.0 | 4.0 |
| ratio of totals | 1.0 | 1.3 | 1.8 | 2.5 | 4.0 | 6.1 | 5.2 | 10.1 | 4.0 | |

VI.D.6. GROSS JOB DESTRUCTION RATE OF TOTAL ENTERPRISES IN AMADEUS SAMPLE BY SIZE-CLASSES, 1999-2006

| TRAMO | 1999 | 2000 | 2001 | 2002 | 2003 | 2004 | 2005 | 2006 | time average | ratio of time averages |
|-----------------|------|------|------|------|------|------|------|------|--------------|------------------------|
| Micro firms | 10.6 | 9.0 | 9.8 | 11.7 | 13.0 | 13.0 | 14.1 | 17.6 | 12.4 | 12.8 |
| Small firms | 8.5 | 8.6 | 9.1 | 10.1 | 13.8 | 12.1 | 12.1 | 14.2 | 11.1 | 11.3 |
| Medium firms | 8.0 | 9.0 | 9.9 | 11.3 | 16.6 | 15.4 | 12.1 | 14.0 | 12.1 | 12.4 |
| Big firms | 8.1 | 8.5 | 8.2 | 9.7 | 11.0 | 14.2 | 11.9 | 16.0 | 11.0 | 10.9 |
| TRAMO average | 8.8 | 8.8 | 9.2 | 10.7 | 13.6 | 13.7 | 12.6 | 15.4 | 11.6 | 11.3 |
| ratio of totals | 8.2 | 8.6 | 8.6 | 10.1 | 12.4 | 14.1 | 12.1 | 15.5 | 11.2 | |

VI.D.7. NET JOB CREATION RATE OF CONTINUING ENTERPRISES IN AMADEUS SAMPLE BY SIZE-CLASSES, 1999-2006

| TRAMO | 1999 | 2000 | 2001 | 2002 | 2003 | 2004 | 2005 | 2006 | time average | ratio of time averages |
|-----------------|------|------|------|------|------|------|------|------|--------------|------------------------|
| Micro firms | -1.8 | 0.2 | 0.3 | -0.1 | 0.5 | 3.3 | 5.1 | 6.5 | 1.7 | 2.2 |
| Small firms | 1.0 | 1.9 | 1.8 | 0.7 | -1.7 | 3.0 | 3.7 | 4.2 | 1.8 | 1.8 |
| Medium firms | 1.6 | 0.7 | 0.2 | -1.6 | -5.4 | 0.6 | 1.0 | 3.7 | 0.1 | -0.2 |
| Big firms | 4.8 | 2.6 | 2.0 | 0.0 | 0.1 | 0.6 | 0.4 | 1.5 | 1.5 | 1.3 |
| TRAMO average | 1.4 | 1.3 | 1.1 | -0.3 | -1.6 | 1.9 | 2.6 | 4.0 | 1.3 | 1.2 |
| ratio of totals | 3.6 | 2.1 | 1.6 | -0.2 | -1.0 | 1.1 | 1.3 | 2.6 | 1.4 | |

VI.D.8. NET JOB CREATION RATE OF ENTERING AND EXITING ENTERPRISES IN AMADEUS SAMPLE BY SIZE-CLASSES, 1999-2006

| TRAMO | 1999 | 2000 | 2001 | 2002 | 2003 | 2004 | 2005 | 2006 | time average | ratio of time averages |
|-----------------|------|------|------|------|------|------|------|-------|--------------|------------------------|
| Micro firms | 3.6 | 4.4 | 3.1 | 1.8 | -0.2 | -0.8 | -1.9 | -10.2 | 0.0 | -0.6 |
| Small firms | 1.0 | 1.3 | 0.5 | -0.2 | -1.8 | -2.4 | -3.2 | -8.4 | -1.6 | -1.8 |
| Medium firms | 0.8 | 0.8 | 0.0 | -0.5 | -2.2 | -3.1 | -3.4 | -8.2 | -2.0 | -2.0 |
| Big firms | 2.8 | 1.2 | 0.6 | -1.1 | -2.9 | -5.6 | -4.0 | -9.6 | -2.3 | -2.3 |
| TRAMO average | 2.1 | 1.9 | 1.1 | 0.0 | -1.8 | -3.0 | -3.1 | -9.1 | -1.5 | -2.1 |
| ratio of totals | 2.3 | 1.3 | 0.6 | -0.8 | -2.5 | -4.5 | -3.7 | -9.3 | -2.0 | |

VI.D.9. NET JOB CREATION RATE OF TOTAL ENTERPRISES IN AMADEUS SAMPLE BY SIZE-CLASSES, 1999-2006

| TRAMO | 1999 | 2000 | 2001 | 2002 | 2003 | 2004 | 2005 | 2006 | time average | ratio of time averages |
|-----------------|------|------|------|------|------|------|------|------|--------------|------------------------|
| Micro firms | 1.8 | 4.6 | 3.4 | 1.7 | 0.3 | 2.5 | 3.2 | -3.8 | 1.7 | 1.6 |
| Small firms | 2.0 | 3.2 | 2.3 | 0.5 | -3.4 | 0.5 | 0.6 | -4.2 | 0.2 | 0.0 |
| Medium firms | 2.4 | 1.5 | 0.2 | -2.2 | -7.5 | -2.5 | -2.4 | -4.5 | -1.9 | -2.2 |
| Big firms | 7.6 | 3.8 | 2.7 | -1.1 | -2.8 | -5.0 | -3.6 | -8.0 | -0.8 | -1.0 |
| TRAMO average | 3.5 | 3.3 | 2.2 | -0.3 | -3.4 | -1.1 | -0.6 | -5.1 | -0.2 | -0.9 |
| ratio of totals | 5.9 | 3.4 | 2.3 | -1.0 | -3.5 | -3.4 | -2.4 | -6.7 | -0.7 | |

VI.D.10. GROSS JOB REALLOCATION RATE OF CONTINUING ENTERPRISES IN AMADEUS SAMPLE BY SIZE-CLASSES, 1999-2006

| TRAMO | 1999 | 2000 | 2001 | 2002 | 2003 | 2004 | 2005 | 2006 | time average | ratio of time averages |
|-----------------|------|------|------|------|------|------|------|------|--------------|------------------------|
| Micro firms | 15.4 | 15.0 | 14.9 | 16.2 | 17.7 | 18.8 | 21.8 | 16.8 | 17.1 | 17.6 |
| Small firms | 14.7 | 16.3 | 15.8 | 15.8 | 19.3 | 19.0 | 18.9 | 14.5 | 16.8 | 17.1 |
| Medium firms | 14.3 | 15.6 | 16.0 | 16.6 | 21.3 | 22.6 | 16.1 | 13.8 | 17.0 | 17.5 |
| Big firms | 19.6 | 17.4 | 15.2 | 14.4 | 13.6 | 14.9 | 13.5 | 12.9 | 15.2 | 15.0 |
| TRAMO average | 16.0 | 16.1 | 15.5 | 15.8 | 18.0 | 18.8 | 17.6 | 14.5 | 16.5 | 15.8 |
| ratio of totals | 18.0 | 16.9 | 15.4 | 15.0 | 15.8 | 17.0 | 15.2 | 13.6 | 15.9 | |

VI.D.11. GROSS JOB REALLOCATION RATE OF ENTERING AND EXITING ENTERPRISES IN AMADEUS SAMPLE BY SIZE-CLASSES, 1999-2006

| TRAMO | 1999 | 2000 | 2001 | 2002 | 2003 | 2004 | 2005 | 2006 | time average | ratio of time averages |
|-----------------|------|------|------|------|------|------|------|------|--------------|------------------------|
| Micro firms | 7.7 | 7.6 | 8.1 | 8.9 | 8.6 | 9.7 | 9.8 | 14.6 | 9.3 | 9.6 |
| Small firms | 4.3 | 4.2 | 4.6 | 4.8 | 4.9 | 5.7 | 5.9 | 9.8 | 5.5 | 5.6 |
| Medium firms | 4.1 | 4.0 | 4.1 | 3.8 | 4.5 | 5.8 | 5.7 | 9.7 | 5.2 | 5.1 |
| Big firms | 4.2 | 3.5 | 3.9 | 3.9 | 5.7 | 8.6 | 6.8 | 10.9 | 5.9 | 5.8 |
| TRAMO average | 5.1 | 4.8 | 5.2 | 5.4 | 5.9 | 7.4 | 7.0 | 11.2 | 6.5 | 5.9 |
| ratio of totals | 4.4 | 3.8 | 4.2 | 4.2 | 5.5 | 7.8 | 6.7 | 10.8 | 5.9 | |

VI.D.12. GROSS JOB REALLOCATION RATE OF TOTAL ENTERPRISES IN AMADEUS SAMPLE BY SIZE-CLASSES, 1999-2006

| TRAMO | 1999 | 2000 | 2001 | 2002 | 2003 | 2004 | 2005 | 2006 | time average | ratio of time averages |
|-----------------|------|------|------|------|------|------|------|------|--------------|------------------------|
| Micro firms | 23.1 | 22.7 | 23.0 | 25.0 | 26.3 | 28.5 | 31.5 | 31.4 | 26.4 | 27.1 |
| Small firms | 19.0 | 20.4 | 20.5 | 20.6 | 24.2 | 24.7 | 24.9 | 24.3 | 22.3 | 22.6 |
| Medium firms | 18.5 | 19.6 | 20.1 | 20.5 | 25.7 | 28.4 | 21.7 | 23.5 | 22.2 | 22.6 |
| Big firms | 23.8 | 20.9 | 19.1 | 18.3 | 19.2 | 23.4 | 20.2 | 23.9 | 21.1 | 20.8 |
| TRAMO average | 21.1 | 20.9 | 20.6 | 21.1 | 23.9 | 26.2 | 24.6 | 25.8 | 23.0 | 21.7 |
| ratio of totals | 22.4 | 20.7 | 19.5 | 19.3 | 21.3 | 24.8 | 21.9 | 24.4 | 21.8 | |

VI.D.13. EXCESS REALLOCATION RATE OF TOTAL ENTERPRISES IN AMADEUS SAMPLE BY SIZE-CLASSES, 1999-2006

| TRAMO | 1999 | 2000 | 2001 | 2002 | 2003 | 2004 | 2005 | 2006 | time average | ratio of time averages |
|-----------------|------|------|------|------|------|------|------|------|--------------|------------------------|
| Micro firms | 21.3 | 18.1 | 19.6 | 23.3 | 26.0 | 26.0 | 28.3 | 35.1 | 24.7 | 25.5 |
| Small firms | 17.0 | 17.2 | 18.1 | 20.1 | 27.6 | 24.1 | 24.3 | 28.5 | 22.1 | 22.6 |
| Medium firms | 16.0 | 18.1 | 19.8 | 22.6 | 33.3 | 30.8 | 24.2 | 28.0 | 24.1 | 24.8 |
| Big firms | 16.2 | 17.1 | 16.4 | 19.4 | 22.1 | 28.4 | 23.9 | 31.9 | 21.9 | 21.8 |
| TRAMO average | 17.6 | 17.6 | 18.5 | 21.4 | 27.2 | 27.4 | 25.2 | 30.9 | 23.2 | 22.6 |
| ratio of totals | 16.5 | 17.3 | 17.3 | 20.2 | 24.9 | 28.2 | 24.3 | 31.1 | 22.5 | |

ANNEX VII

JOB FLOWS IN EUROPE. RESULTS BY YEAR

VII.A. FINAL SAMPLE OF FIRMS FROM AMADEUS DATABASE

VII.A.1. ENTERPRISES IN AMADEUS SAMPLE BY YEAR, 1999-2006

| YEAR | | time average |
|--------------|-------------------|-------------------|
| 1999 | 1,894,243 | 1,894,243 |
| 2000 | 2,415,679 | 2,415,679 |
| 2001 | 2,832,162 | 2,832,162 |
| 2002 | 3,317,699 | 3,317,699 |
| 2003 | 3,785,953 | 3,785,953 |
| 2004 | 4,113,601 | 4,113,601 |
| 2005 | 4,131,465 | 4,131,465 |
| 2006 | 2,882,080 | 2,882,080 |
| TOTAL | 25,372,882 | 25,372,882 |

VII.A.2. PERCENTAGE OF CONTINUING ENTERPRISES IN AMADEUS SAMPLE BY YEAR. 1999-2006

| YEAR | | time average | ratio of time averages |
|------------------------|-------------|--------------|------------------------|
| 1999 | 94.4 | 94.4 | 94.4 |
| 2000 | 94.2 | 94.2 | 94.2 |
| 2001 | 94.5 | 94.5 | 94.5 |
| 2002 | 94.7 | 94.7 | 94.7 |
| 2003 | 95.4 | 95.4 | 95.4 |
| 2004 | 95.1 | 95.1 | 95.1 |
| 2005 | 95.7 | 95.7 | 95.7 |
| 2006 | 97.8 | 97.8 | 97.8 |
| YEAR average | 95.2 | 95.2 | 95.3 |
| ratio of totals | 95.3 | 95.3 | |

**VII.A.3. PERCENTAGE OF CONTINUING EMPLOYMENT CREATOR
ENTERPRISES IN AMADEUS SAMPLE BY YEAR. 1999-2006**

| YEAR | | time average | ratio of time averages |
|------------------------|-------------|---------------------|-------------------------------|
| 1999 | 26.2 | 26.2 | 26.2 |
| 2000 | 25.4 | 25.4 | 25.4 |
| 2001 | 22.7 | 22.7 | 22.7 |
| 2002 | 22.4 | 22.4 | 22.4 |
| 2003 | 23.0 | 23.0 | 23.0 |
| 2004 | 24.4 | 24.4 | 24.4 |
| 2005 | 24.9 | 24.9 | 24.9 |
| 2006 | 24.5 | 24.5 | 24.5 |
| YEAR average | 24.2 | 24.2 | 24.1 |
| ratio of totals | 24.1 | 24.1 | |

**VII.A.4. PERCENTAGE OF CONTINUING EMPLOYMENT DESTROYER
ENTERPRISES IN AMADEUS SAMPLE BY YEAR. 1999-2006**

| YEAR | | time average | ratio of time averages |
|------------------------|-------------|---------------------|-------------------------------|
| 1999 | 18.0 | 18.0 | 18.0 |
| 2000 | 17.8 | 17.8 | 17.8 |
| 2001 | 17.7 | 17.7 | 17.7 |
| 2002 | 19.8 | 19.8 | 19.8 |
| 2003 | 21.0 | 21.0 | 21.0 |
| 2004 | 19.1 | 19.1 | 19.1 |
| 2005 | 21.0 | 21.0 | 21.0 |
| 2006 | 16.9 | 16.9 | 16.9 |
| YEAR average | 18.9 | 18.9 | 19.2 |
| ratio of totals | 19.2 | 19.2 | |

VII.A.5. PERCENTAGE OF CONTINUING EMPLOYMENT STABLE ENTERPRISES IN AMADEUS SAMPLE BY YEAR. 1999-2006

| YEAR | | time average | ratio of time averages |
|------------------------|-------------|---------------------|-------------------------------|
| 1999 | 50.1 | 50.1 | 50.1 |
| 2000 | 51.0 | 51.0 | 51.0 |
| 2001 | 54.1 | 54.1 | 54.1 |
| 2002 | 52.4 | 52.4 | 52.4 |
| 2003 | 51.4 | 51.4 | 51.4 |
| 2004 | 51.7 | 51.7 | 51.7 |
| 2005 | 49.8 | 49.8 | 49.8 |
| 2006 | 56.4 | 56.4 | 56.4 |
| YEAR average | 52.1 | 52.1 | 52.0 |
| ratio of totals | 52.0 | 52.0 | |

VII.A.6. PERCENTAGE OF ENTERING ENTERPRISES IN AMADEUS SAMPLE BY YEAR. 1999-2006

| YEAR | | time average | ratio of time averages |
|------------------------|------------|---------------------|-------------------------------|
| 1999 | 5.6 | 5.6 | 5.6 |
| 2000 | 5.8 | 5.8 | 5.8 |
| 2001 | 5.5 | 5.5 | 5.5 |
| 2002 | 5.3 | 5.3 | 5.3 |
| 2003 | 4.6 | 4.6 | 4.6 |
| 2004 | 4.9 | 4.9 | 4.9 |
| 2005 | 4.3 | 4.3 | 4.3 |
| 2006 | 2.2 | 2.2 | 2.2 |
| YEAR average | 4.8 | 4.8 | 4.7 |
| ratio of totals | 4.7 | 4.7 | |

VII.A.7. PERCENTAGE OF EXITING ENTERPRISES IN AMADEUS SAMPLE BY YEAR. 1999-2006

| YEAR | | time average | ratio of time averages |
|------------------------|------------|---------------------|-------------------------------|
| 1999 | 1.3 | 1.3 | 1.3 |
| 2000 | 1.4 | 1.4 | 1.4 |
| 2001 | 2.2 | 2.2 | 2.2 |
| 2002 | 3.4 | 3.4 | 3.4 |
| 2003 | 4.2 | 4.2 | 4.2 |
| 2004 | 5.1 | 5.1 | 5.1 |
| 2005 | 5.9 | 5.9 | 5.9 |
| 2006 | 13.1 | 13.1 | 13.1 |
| YEAR average | 4.6 | 4.6 | 4.8 |
| ratio of totals | 4.8 | 4.8 | |

**VII.B. EMPLOYEES DISTRIBUTION BY FIRM TYPES IN AMADEUS
DATABASE**

VII.B.1. EMPLOYEEES IN AMADEUS SAMPLE BY YEAR, 1999-2006

| YEAR | | time average |
|--------------|----------------------|----------------------|
| 1999 | 97,402,948 | 97,402,948 |
| 2000 | 137,758,725 | 137,758,725 |
| 2001 | 154,358,772 | 154,358,772 |
| 2002 | 165,120,976 | 165,120,976 |
| 2003 | 166,617,283 | 166,617,283 |
| 2004 | 160,918,607 | 160,918,607 |
| 2005 | 155,547,014 | 155,547,014 |
| 2006 | 115,533,435 | 115,533,435 |
| TOTAL | 1,153,257,760 | 1,153,257,760 |

**VII.B.2. PROPOETION OF CONTINUING FIRMS EMPLOYEES IN TOTAL EMPLOYEEES
IN AMADEUS SAMPLE BY YEAR. 1999-2006**

| YEAR | | time average | ratio of time averages |
|------------------------|-------------|---------------------|-------------------------------|
| 1999 | 97.8 | 97.8 | 97.8 |
| 2000 | 98.1 | 98.1 | 98.1 |
| 2001 | 97.9 | 97.9 | 97.9 |
| 2002 | 97.8 | 97.8 | 97.8 |
| 2003 | 97.2 | 97.2 | 97.2 |
| 2004 | 96.0 | 96.0 | 96.0 |
| 2005 | 96.6 | 96.6 | 96.6 |
| 2006 | 94.5 | 94.5 | 94.5 |
| YEAR average | 97.0 | 97.0 | 97.0 |
| ratio of totals | 97.0 | 97.0 | |

**VII.B.3. PROPORTION OF EMPLOYMENT CREATOR CONTINUING FIRMS
EMPLOYEES IN TOTAL EMPLOYEES IN AMADEUS SAMPLE BY YEAR. 1999-2006**

| YEAR | | time average | ratio of time averages |
|------------------------|-------------|---------------------|-------------------------------|
| 1999 | 50.4 | 50.4 | 50.4 |
| 2000 | 50.3 | 50.3 | 50.3 |
| 2001 | 45.1 | 45.1 | 45.1 |
| 2002 | 40.8 | 40.8 | 40.8 |
| 2003 | 40.7 | 40.7 | 40.7 |
| 2004 | 41.2 | 41.2 | 41.2 |
| 2005 | 46.5 | 46.5 | 46.5 |
| 2006 | 47.8 | 47.8 | 47.8 |
| YEAR average | 45.3 | 45.3 | 44.8 |
| ratio of totals | 44.8 | 44.8 | |

**VII.B.4. PROPORTION OF EMPLOYMENT CREATOR CONTINUING FIRMS
EMPLOYEES IN TOTAL EMPLOYEES IN AMADEUS SAMPLE BY YEAR. 1999-2006**

| YEAR | | time average | ratio of time averages |
|------------------------|-------------|---------------------|-------------------------------|
| 1999 | 32.9 | 32.9 | 32.9 |
| 2000 | 35.2 | 35.2 | 35.2 |
| 2001 | 35.6 | 35.6 | 35.6 |
| 2002 | 42.7 | 42.7 | 42.7 |
| 2003 | 38.9 | 38.9 | 38.9 |
| 2004 | 38.8 | 38.8 | 38.8 |
| 2005 | 34.8 | 34.8 | 34.8 |
| 2006 | 30.4 | 30.4 | 30.4 |
| YEAR average | 36.2 | 36.2 | 36.6 |
| ratio of totals | 36.6 | 36.6 | |

**VII.B.5. PROPORTION OF STABLE EMPLOYMENT CONTINUING FIRMS
EMPLOYEES IN TOTAL EMPLOYEES IN AMADEUS SAMPLE BY YEAR. 1999-2006**

| YEAR | | time average | ratio of time averages |
|------------------------|-------------|---------------------|-------------------------------|
| 1999 | 14.5 | 14.5 | 14.5 |
| 2000 | 12.6 | 12.6 | 12.6 |
| 2001 | 17.2 | 17.2 | 17.2 |
| 2002 | 14.3 | 14.3 | 14.3 |
| 2003 | 17.6 | 17.6 | 17.6 |
| 2004 | 16.0 | 16.0 | 16.0 |
| 2005 | 15.3 | 15.3 | 15.3 |
| 2006 | 16.3 | 16.3 | 16.3 |
| YEAR average | 15.5 | 15.5 | 15.5 |
| ratio of totals | 15.5 | 15.5 | |

**VII.B.6. PROPORTION OF ENTERING FIRMS EMPLOYEES IN TOTAL EMPLOYEES IN
AMADEUS SAMPLE BY YEAR. 1999-2006**

| YEAR | | time average | ratio of time averages |
|------------------------|------------|---------------------|-------------------------------|
| 1999 | 1.7 | 1.7 | 1.7 |
| 2000 | 1.3 | 1.3 | 1.3 |
| 2001 | 1.2 | 1.2 | 1.2 |
| 2002 | 0.9 | 0.9 | 0.9 |
| 2003 | 0.8 | 0.8 | 0.8 |
| 2004 | 0.9 | 0.9 | 0.9 |
| 2005 | 0.8 | 0.8 | 0.8 |
| 2006 | 0.4 | 0.4 | 0.4 |
| YEAR average | 1.0 | 1.0 | 1.0 |
| ratio of totals | 1.0 | 1.0 | |

**VII.B.7. PROPORTION OF EXITING FIRMS EMPLOYEES IN TOTAL EMPLOYEES IN
AMADEUS SAMPLE BY YEAR. 1999-2006**

| YEAR | | time average | ratio of time averages |
|------------------------|------------|---------------------|-------------------------------|
| 1999 | 0.5 | 0.5 | 0.5 |
| 2000 | 0.6 | 0.6 | 0.6 |
| 2001 | 0.9 | 0.9 | 0.9 |
| 2002 | 1.3 | 1.3 | 1.3 |
| 2003 | 2.0 | 2.0 | 2.0 |
| 2004 | 3.1 | 3.1 | 3.1 |
| 2005 | 2.6 | 2.6 | 2.6 |
| 2006 | 5.1 | 5.1 | 5.1 |
| YEAR average | 2.0 | 2.0 | 2.0 |
| ratio of totals | 2.0 | 2.0 | |

VII.C. JOB FLOWS

VII.C.1. GROSS EMPLOYMENT CREATED BY CONTINUING ENTERPRISES IN AMADEUS SAMPLE BY YEAR, 1999-2006

| YEAR | | time average |
|--------------|-------------------|---------------------|
| 1999 | 10,499,829 | 10,499,829 |
| 2000 | 13,107,389 | 13,107,389 |
| 2001 | 13,117,786 | 13,117,786 |
| 2002 | 12,197,700 | 12,197,700 |
| 2003 | 12,284,744 | 12,284,744 |
| 2004 | 14,549,059 | 14,549,059 |
| 2005 | 12,823,930 | 12,823,930 |
| 2006 | 9,327,020 | 9,327,020 |
| TOTAL | 97,907,457 | 97,907,457 |

VII.C.2. GROSS EMPLOYMENT DESTROYED BY CONTINUING ENTERPRISES IN AMADEUS SAMPLE BY YEAR, 1999-2006

| YEAR | | time average |
|--------------|-------------------|---------------------|
| 1999 | 7,036,469 | 7,036,469 |
| 2000 | 10,187,564 | 10,187,564 |
| 2001 | 10,579,764 | 10,579,764 |
| 2002 | 12,582,576 | 12,582,576 |
| 2003 | 14,011,647 | 14,011,647 |
| 2004 | 12,811,688 | 12,811,688 |
| 2005 | 10,873,776 | 10,873,776 |
| 2006 | 6,333,975 | 6,333,975 |
| TOTAL | 84,417,459 | 84,417,459 |

**VII.C.3. GROSS EMPLOYMENT CREATED BY ENTERING
ENTERPRISES IN AMADEUS SAMPLE BY YEAR, 1999-2006**

| YEAR | | time average |
|--------------|-------------------|---------------------|
| 1999 | 3,275,942 | 3,275,942 |
| 2000 | 3,509,306 | 3,509,306 |
| 2001 | 3,711,063 | 3,711,063 |
| 2002 | 2,885,608 | 2,885,608 |
| 2003 | 2,526,749 | 2,526,749 |
| 2004 | 2,656,169 | 2,656,169 |
| 2005 | 2,329,804 | 2,329,804 |
| 2006 | 916,368 | 916,368 |
| TOTAL | 21,811,009 | 21,811,009 |

**VII.C.4. GROSS EMPLOYMENT DESTROYED BY EXITING
ENTERPRISES IN AMADEUS SAMPLE BY YEAR, 1999-2006**

| YEAR | | time average |
|--------------|-------------------|---------------------|
| 1999 | 997,630 | 997,630 |
| 2000 | 1,723,518 | 1,723,518 |
| 2001 | 2,758,333 | 2,758,333 |
| 2002 | 4,131,401 | 4,131,401 |
| 2003 | 6,694,450 | 6,694,450 |
| 2004 | 9,857,622 | 9,857,622 |
| 2005 | 8,019,836 | 8,019,836 |
| 2006 | 11,617,971 | 11,617,971 |
| TOTAL | 45,800,761 | 45,800,761 |

VII.D. JOB FLOWS INDICATORS

VII.D.1. GROSS JOB CREATION RATE OF CONTINUING ENTERPRISES IN AMADEUS SAMPLE BY YEAR, 1999-2006

| YEAR | | time average | ratio of time averages |
|-----------------|------|---------------------|-------------------------------|
| 1999 | 10.8 | 10.8 | 10.8 |
| 2000 | 9.5 | 9.5 | 9.5 |
| 2001 | 8.5 | 8.5 | 8.5 |
| 2002 | 7.4 | 7.4 | 7.4 |
| 2003 | 7.4 | 7.4 | 7.4 |
| 2004 | 9.0 | 9.0 | 9.0 |
| 2005 | 8.2 | 8.2 | 8.2 |
| 2006 | 8.1 | 8.1 | 8.1 |
| YEAR average | 8.6 | 8.6 | 8.5 |
| ratio of totals | 8.5 | 8.5 | |

VII.D.2. GROSS JOB CREATION RATE OF ENTERING ENTERPRISES IN AMADEUS SAMPLE BY YEAR, 1999-2006

| YEAR | | time average | ratio of time averages |
|-----------------|-----|---------------------|-------------------------------|
| 1999 | 3.4 | 3.4 | 3.4 |
| 2000 | 2.5 | 2.5 | 2.5 |
| 2001 | 2.4 | 2.4 | 2.4 |
| 2002 | 1.7 | 1.7 | 1.7 |
| 2003 | 1.5 | 1.5 | 1.5 |
| 2004 | 1.7 | 1.7 | 1.7 |
| 2005 | 1.5 | 1.5 | 1.5 |
| 2006 | 0.8 | 0.8 | 0.8 |
| YEAR average | 1.9 | 1.9 | 1.9 |
| ratio of totals | 1.9 | 1.9 | |

VII.D.3. GROSS JOB CREATION RATE OF TOTAL ENTERPRISES IN AMADEUS SAMPLE BY YEAR, 1999-2006

| YEAR | | time average | ratio of time averages |
|------------------------|-------------|---------------------|-------------------------------|
| 1999 | 14.1 | 14.1 | 14.1 |
| 2000 | 12.1 | 12.1 | 12.1 |
| 2001 | 10.9 | 10.9 | 10.9 |
| 2002 | 9.1 | 9.1 | 9.1 |
| 2003 | 8.9 | 8.9 | 8.9 |
| 2004 | 10.7 | 10.7 | 10.7 |
| 2005 | 9.7 | 9.7 | 9.7 |
| 2006 | 8.9 | 8.9 | 8.9 |
| YEAR average | 10.6 | 10.6 | 10.4 |
| ratio of totals | 10.4 | 10.4 | |

VII.D.4. GROSS JOB DESTRUCTION RATE OF CONTINUING ENTERPRISES IN AMADEUS SAMPLE BY YEAR, 1999-2006

| YEAR | | time average | ratio of time averages |
|------------------------|------------|---------------------|-------------------------------|
| 1999 | 7.2 | 7.2 | 7.2 |
| 2000 | 7.4 | 7.4 | 7.4 |
| 2001 | 6.9 | 6.9 | 6.9 |
| 2002 | 7.6 | 7.6 | 7.6 |
| 2003 | 8.4 | 8.4 | 8.4 |
| 2004 | 8.0 | 8.0 | 8.0 |
| 2005 | 7.0 | 7.0 | 7.0 |
| 2006 | 5.5 | 5.5 | 5.5 |
| YEAR average | 7.2 | 7.2 | 7.3 |
| ratio of totals | 7.3 | 7.3 | |

VII.D.5. GROSS JOB DESTRUCTION RATE OF EXITING ENTERPRISES IN AMADEUS SAMPLE BY YEAR, 1999-2006

| YEAR | | time average | ratio of time averages |
|------------------------|------------|---------------------|-------------------------------|
| 1999 | 1.0 | 1.0 | 1.0 |
| 2000 | 1.3 | 1.3 | 1.3 |
| 2001 | 1.8 | 1.8 | 1.8 |
| 2002 | 2.5 | 2.5 | 2.5 |
| 2003 | 4.0 | 4.0 | 4.0 |
| 2004 | 6.1 | 6.1 | 6.1 |
| 2005 | 5.2 | 5.2 | 5.2 |
| 2006 | 10.1 | 10.1 | 10.1 |
| YEAR average | 4.0 | 4.0 | 4.0 |
| ratio of totals | 4.0 | 4.0 | |

VII.D.6. GROSS JOB DESTRUCTION RATE OF TOTAL ENTERPRISES IN AMADEUS SAMPLE BY YEAR, 1999-2006

| YEAR | | time average | ratio of time averages |
|------------------------|-------------|---------------------|-------------------------------|
| 1999 | 8.2 | 8.2 | 8.2 |
| 2000 | 8.6 | 8.6 | 8.6 |
| 2001 | 8.6 | 8.6 | 8.6 |
| 2002 | 10.1 | 10.1 | 10.1 |
| 2003 | 12.4 | 12.4 | 12.4 |
| 2004 | 14.1 | 14.1 | 14.1 |
| 2005 | 12.1 | 12.1 | 12.1 |
| 2006 | 15.5 | 15.5 | 15.5 |
| YEAR average | 11.2 | 11.2 | 11.3 |
| ratio of totals | 11.3 | 11.3 | |

VII.D.7. NET JOB CREATION RATE OF CONTINUING ENTERPRISES IN AMADEUS SAMPLE BY YEAR, 1999-2006

| YEAR | | time average | ratio of time averages |
|------------------------|------------|---------------------|-------------------------------|
| 1999 | 3.6 | 3.6 | 3.6 |
| 2000 | 2.1 | 2.1 | 2.1 |
| 2001 | 1.6 | 1.6 | 1.6 |
| 2002 | -0.2 | -0.2 | -0.2 |
| 2003 | -1.0 | -1.0 | -1.0 |
| 2004 | 1.1 | 1.1 | 1.1 |
| 2005 | 1.3 | 1.3 | 1.3 |
| 2006 | 2.6 | 2.6 | 2.6 |
| YEAR average | 1.4 | 1.4 | 1.2 |
| ratio of totals | 1.2 | 1.2 | |

VII.D.8. NET JOB CREATION RATE OF ENTERING AND EXITING ENTERPRISES IN AMADEUS SAMPLE BY YEAR, 1999-2006

| YEAR | | time average | ratio of time averages |
|------------------------|-------------|---------------------|-------------------------------|
| 1999 | 2.3 | 2.3 | 2.3 |
| 2000 | 1.3 | 1.3 | 1.3 |
| 2001 | 0.6 | 0.6 | 0.6 |
| 2002 | -0.8 | -0.8 | -0.8 |
| 2003 | -2.5 | -2.5 | -2.5 |
| 2004 | -4.5 | -4.5 | -4.5 |
| 2005 | -3.7 | -3.7 | -3.7 |
| 2006 | -9.3 | -9.3 | -9.3 |
| YEAR average | -2.0 | -2.0 | -2.1 |
| ratio of totals | -2.1 | -2.1 | |

VII.D.9. NET JOB CREATION RATE OF TOTAL ENTERPRISES IN AMADEUS SAMPLE BY YEAR, 1999-2006

| YEAR | | time average | ratio of time averages |
|------------------------|-------------|---------------------|-------------------------------|
| 1999 | 5.9 | 5.9 | 5.9 |
| 2000 | 3.4 | 3.4 | 3.4 |
| 2001 | 2.3 | 2.3 | 2.3 |
| 2002 | -1.0 | -1.0 | -1.0 |
| 2003 | -3.5 | -3.5 | -3.5 |
| 2004 | -3.4 | -3.4 | -3.4 |
| 2005 | -2.4 | -2.4 | -2.4 |
| 2006 | -6.7 | -6.7 | -6.7 |
| YEAR average | -0.7 | -0.7 | -0.9 |
| ratio of totals | -0.9 | -0.9 | |

VII.D.10. GROSS JOB REALLOCATION RATE OF CONTINUING ENTERPRISES IN AMADEUS SAMPLE BY YEAR, 1999-2006

| YEAR | | time average | ratio of time averages |
|------------------------|-------------|---------------------|-------------------------------|
| 1999 | 18.0 | 18.0 | 18.0 |
| 2000 | 16.9 | 16.9 | 16.9 |
| 2001 | 15.4 | 15.4 | 15.4 |
| 2002 | 15.0 | 15.0 | 15.0 |
| 2003 | 15.8 | 15.8 | 15.8 |
| 2004 | 17.0 | 17.0 | 17.0 |
| 2005 | 15.2 | 15.2 | 15.2 |
| 2006 | 13.6 | 13.6 | 13.6 |
| YEAR average | 15.9 | 15.9 | 15.8 |
| ratio of totals | 15.8 | 15.8 | |

VII.D.11. GROSS JOB REALLOCATION RATE OF ENTERING AND EXITING ENTERPRISES IN AMADEUS SAMPLE BY YEAR, 1999-2006

| YEAR | | time average | ratio of time averages |
|------------------------|------------|---------------------|-------------------------------|
| 1999 | 4.4 | 4.4 | 4.4 |
| 2000 | 3.8 | 3.8 | 3.8 |
| 2001 | 4.2 | 4.2 | 4.2 |
| 2002 | 4.2 | 4.2 | 4.2 |
| 2003 | 5.5 | 5.5 | 5.5 |
| 2004 | 7.8 | 7.8 | 7.8 |
| 2005 | 6.7 | 6.7 | 6.7 |
| 2006 | 10.8 | 10.8 | 10.8 |
| YEAR average | 5.9 | 5.9 | 5.9 |
| ratio of totals | 5.9 | 5.9 | |

VII.D.12. GROSS JOB REALLOCATION RATE OF TOTAL ENTERPRISES IN AMADEUS SAMPLE BY YEAR, 1999-2006

| YEAR | | time average | ratio of time averages |
|------------------------|-------------|---------------------|-------------------------------|
| 1999 | 22.4 | 22.4 | 22.4 |
| 2000 | 20.7 | 20.7 | 20.7 |
| 2001 | 19.5 | 19.5 | 19.5 |
| 2002 | 19.3 | 19.3 | 19.3 |
| 2003 | 21.3 | 21.3 | 21.3 |
| 2004 | 24.8 | 24.8 | 24.8 |
| 2005 | 21.9 | 21.9 | 21.9 |
| 2006 | 24.4 | 24.4 | 24.4 |
| YEAR average | 21.8 | 21.8 | 21.7 |
| ratio of totals | 21.7 | 21.7 | |

VII.D.13. EXCESS REALLOCATION RATE OF TOTAL ENTERPRISES IN AMADEUS SAMPLE BY YEAR, 1999-2006

| YEAR | | time average | ratio of time averages |
|------------------------|-------------|---------------------|-------------------------------|
| 1999 | 16.5 | 16.5 | 16.5 |
| 2000 | 17.3 | 17.3 | 17.3 |
| 2001 | 17.3 | 17.3 | 17.3 |
| 2002 | 20.2 | 20.2 | 20.2 |
| 2003 | 24.9 | 24.9 | 24.9 |
| 2004 | 28.2 | 28.2 | 28.2 |
| 2005 | 24.3 | 24.3 | 24.3 |
| 2006 | 31.1 | 31.1 | 31.1 |
| YEAR average | 22.5 | 22.5 | 22.6 |
| ratio of totals | 22.6 | 22.6 | |