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The European Map of Job Flows

by

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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 restructuring 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 restructuring 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 be 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.

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TABLE 1: DEFINITION OF JOB FLOWS INDICATORS

ELEMENTARY INDICATORS		
	ENTERPRISE LEVEL	GROUP LEVEL
Gross Job Creation Rate by Continuing Enterprises (GJCRce)	$GJCRce_{it} = \frac{(L_{it} - L_{it-1})}{\frac{1}{2}(L_{it-1} + L_{it})}$	$GJCRce_{it} = \frac{\sum_{i \in C} \sum_{g > 0} (L_{it} - L_{it-1})}{\frac{1}{2} \sum_i (L_{it-1} + L_{it})}$
Gross Job Destruction Rate by Continuing Enterprises (GJDRce)		$GJDRce_{it} = \frac{\sum_{i \in C} \sum_{g < 0} (L_{it-1} - L_{it})}{\frac{1}{2} \sum_i (L_{it-1} + L_{it})}$
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	1973-1992	Annual Census of the Canadian Manufacturing	Establishments	Manufacturing
	United States	1972-1993	Annual Survey of Manufactures		
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	1993-1997	AMADEUS 250,000	Firms	All sectors
	Estonia	1993-1997			
	Slovenia	1993-1997			
	Bulgaria	1993-1997			
	Romania	1994-1997			
	Belgium	1989-1995			
	Netherlands	1988-1995			
	Germany	1988-1995			
United Kingdom	1987-1995				
Foote (1998)	United States	1972-1988	Longitudinal Research Database	Establishments	Manufacturing
	Michigan (United States)	1972-1988			
	Michigan (United States)	1978-1988			
Garibaldi (2000)	Mexico	1984-1990	Annual Industrial Survey	Establishments	Manufacturing
Genda (1998)	Japan	1991-1995	Employment Trend Survey	Establishments	All sectors
		1991-1995			
Gómez-Salvador, Messina and Vallanti (2004)	Austria	1996-2000	AMADEUS 1,5 millions	Firms	All sectors
	Belgium	1993-2000			
	Denmark	1997-2001			
	Finland	1998-2000			
	France	1994-2000			
	Germany	1995-2000			
	Ireland	1995-2000			
	Italy	1993-2000			
	Netherlands	1995-2000			
	Portugal	1996-2000			
	Spain	1995-2000			
	Sweden	1999-2001			
	United Kingdom	1993-2000			
	Eurozone	1993-2000			
	Nordic countries	1997-2001			
European countries	1993-2001				
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	1996-2000	Derzhkomstat (Government Statistical Committee)	Establishments	Manufacturing
	Ukraine	1998-2000	AMADEUS 1,5	Firms	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>
	5						
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	coefficient	-0.02***											
	Adj R-squared	0.00											
Gross Job Reallocation Continuing Firms	coefficient	0.37***	0.63***										
	Adj R-squared	0.35	0.62										
Net Job Creation Continuing Firms	coefficient	0.37***	-0.63***	0.25***									
	Adj R-squared	0.39	0.64	0.07									
Gross Job Creation Firm Dynamics	coefficient	-0.04***	0.04***	-	-0.08***								
	Adj R-squared	0.01	0.00		0.00								
Gross Job Destruction Firm Dynamics	coefficient	-0.04***	-	-0.03***	-0.03***	0.24***							
	Adj R-squared	0.01		0.00	0.00	0.09							
Gross Job Reallocation Firm Dynamics	coefficient	-	-	0.02***	-	0.43***	0.57***						
	Adj R-squared			0.00		0.58	0.71						
Net Job Creation Firm Dynamics	coefficient	-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	coefficient	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	coefficient	-	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	coefficient	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	coefficient	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	coefficient	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

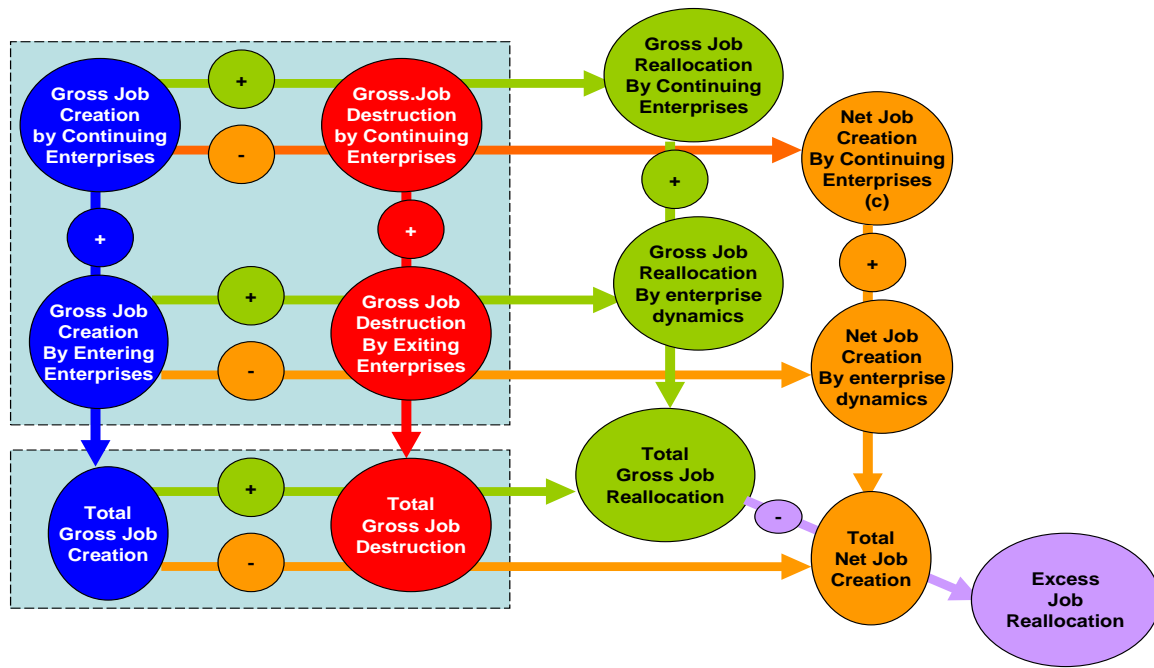


FIGURE 2: DISTRIBUTION OF PREVIOUS RESULT IN RELATION TO JOB FLOWS.

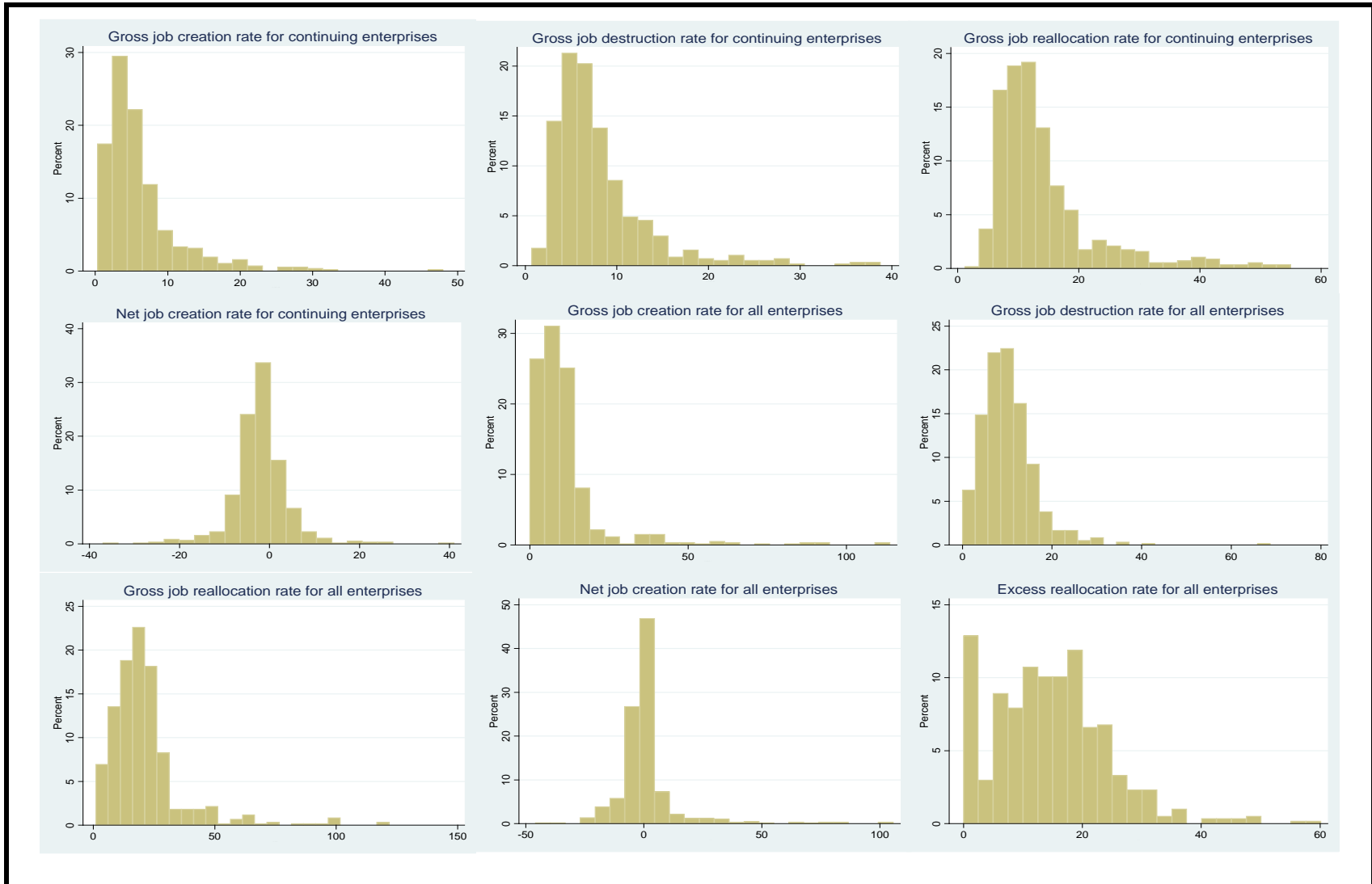


FIGURE 3: GROSS JOB REALLOCATION RATES AND NET JOB CREATION RATES. ALL COUNTRIES

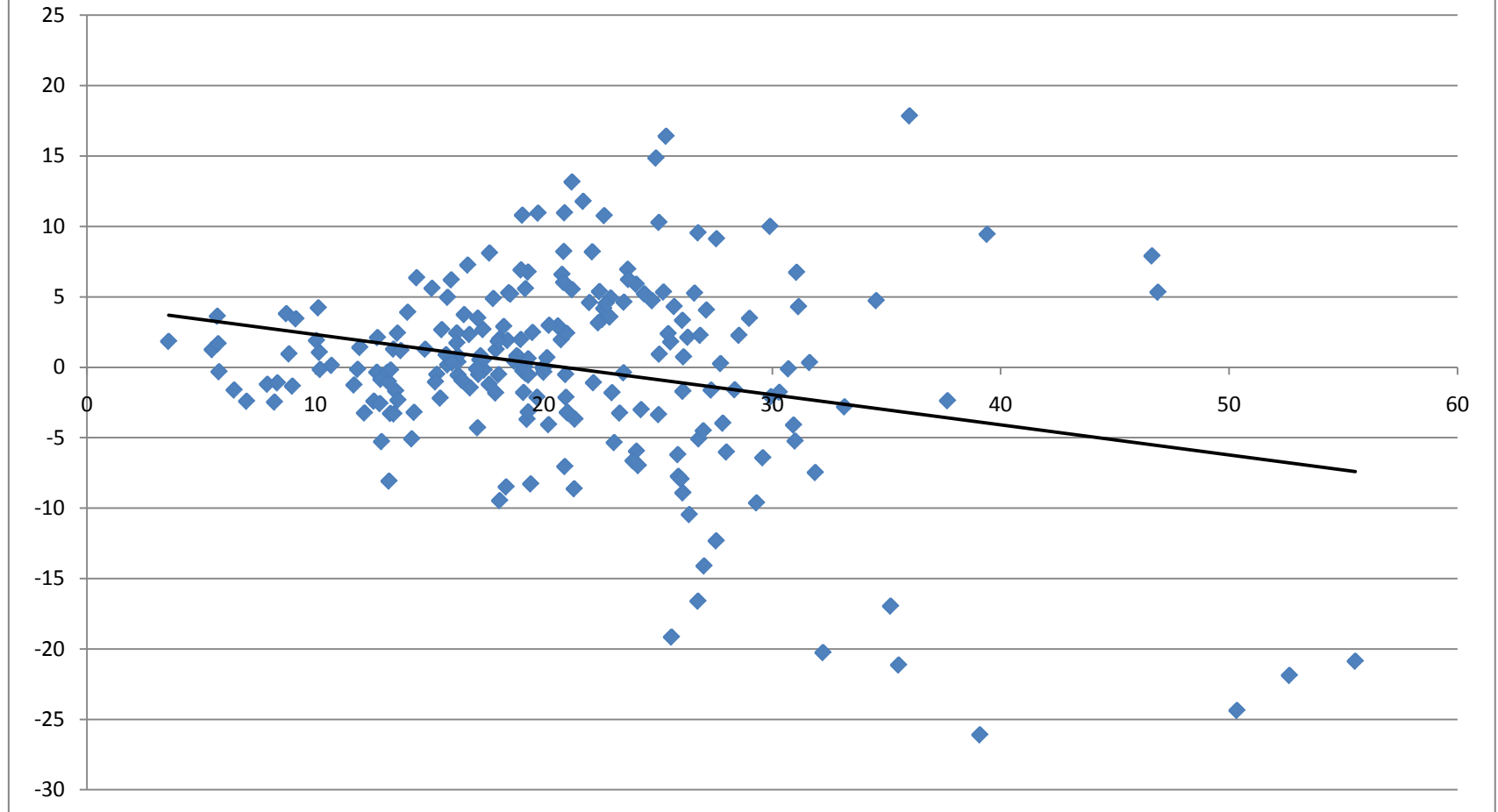
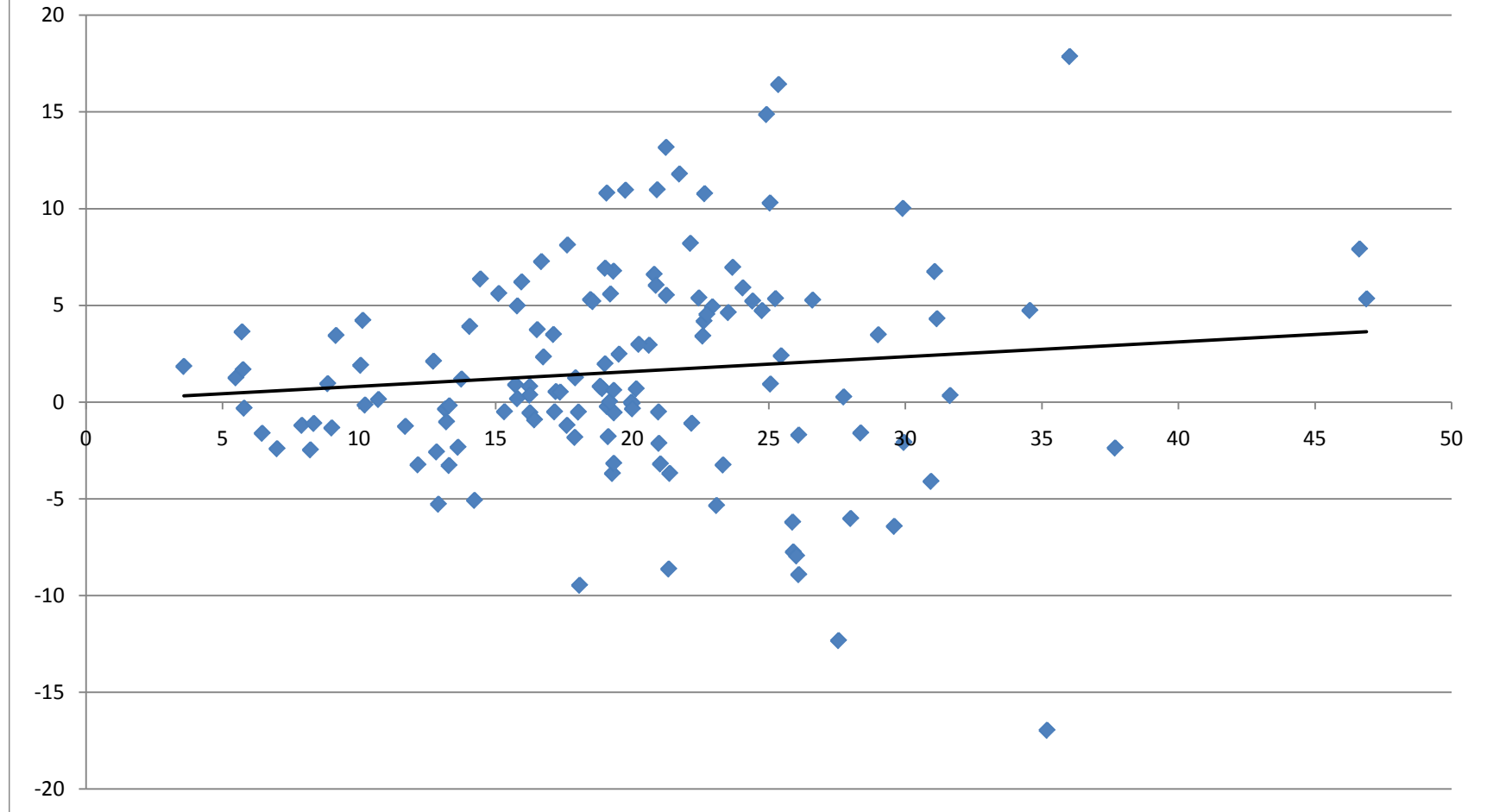
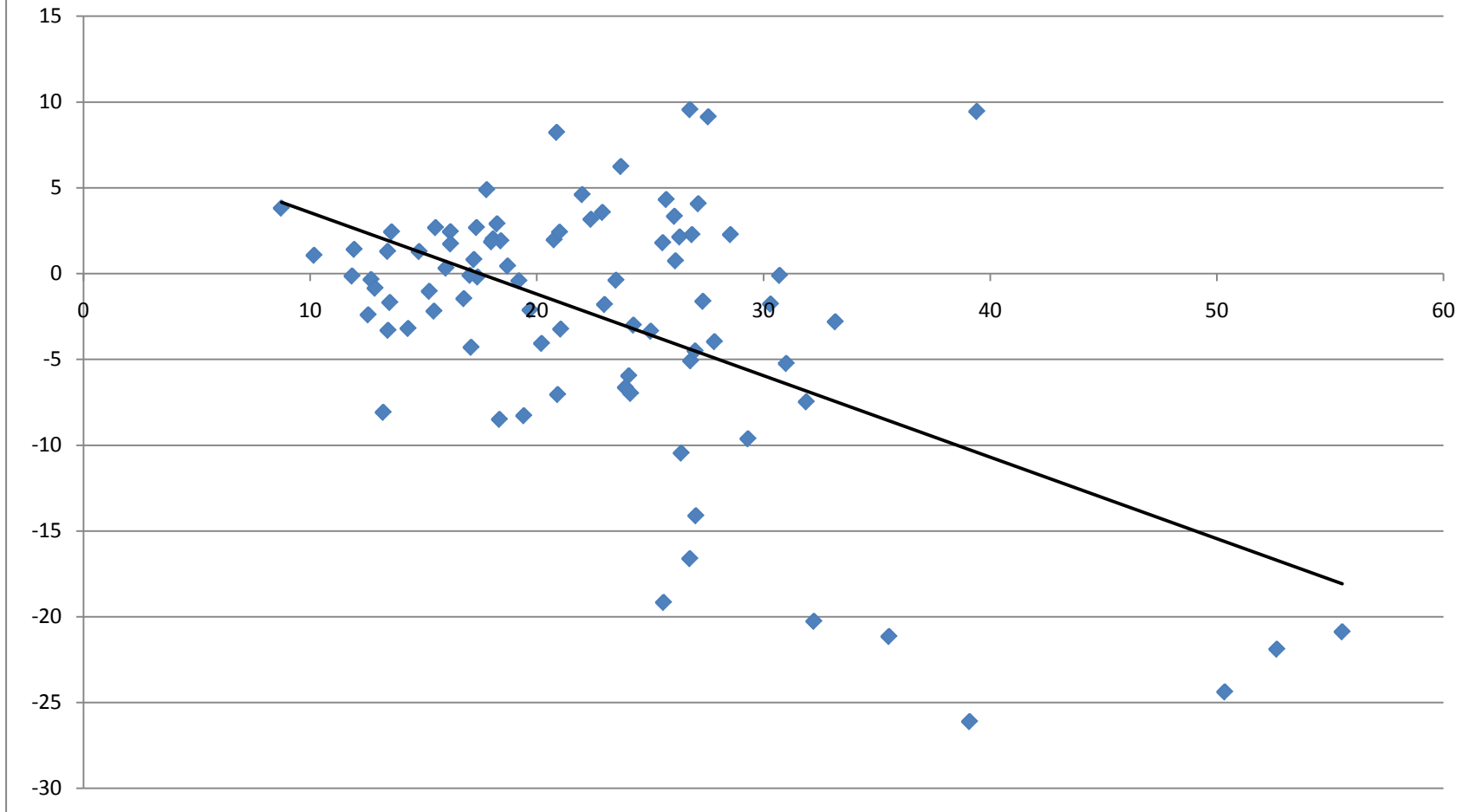


FIGURE 4: GROSS JOB REALLOCATION RATES AND NET JOB CREATION RATES. WESTERN EUROPEAN COUNTRIES.



**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	28.9
Water transport	24.8	23.7	22.2	22.8	22.9	23.1	23.4	21.0	23.0	22.2
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	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				0.0	575.0	33.3	0.0	0.0	121.7	160.0
Undifferent. services producing activities of private households				7.8	30.7	78.2	58.5	30.2	33.2	33.2
Extra-territorial organizations and bodies	14.6	26.3	19.2							
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.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	0.0	1.2	0.0	0.0	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	

II.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	

I.I.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	

II.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	

I.I.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	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	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	