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# Targeting Community Safety Projects: The Use of Geodemographics and GIS in the Identification of Priority Areas for Action

by

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## Abstract

The targeting of resources into small areas is being used increasingly as an essential part of efforts to combat crime, reduce fire risk and address a variety of related community safety issues. The logic behind this approach is in many ways self-evident - in trying to tackle a pressing problem by seeking to maximise the return on the investment of personnel, equipment, etc by focusing attention upon the 'worst' areas. However, some types of problem are more geographically concentrated than others, and thus, arguably, more susceptible to this form of area-based priority setting. On the other hand, other types of problem may be more evenly distributed across geographical space and thus more difficult to 'hit' by means of a primarily area-based approach to resource allocation.

This paper draws upon projects undertaken by URPERRL on behalf of agencies in north west England which have featured either priority area identification or priority area performance evaluation. Reference is made to different approaches that can be adopted to the identification of priority areas and their efficiency or effectiveness in terms of the extent to which they capture the highest levels of incidence of 'problem' behaviour and/or the scale of the activity of interest. This includes consideration of methods ranging from those based simply upon geographical targeting to methods involving representation of underlying social and economic conditions, as captured by a small area geodemographic typology, such as Super Profiles.

For this purpose use will be made of data relating to the spatial distribution, and degree of spatial concentration, of fire incidents within the areas served by Merseyside Fire Brigade and the Greater Manchester County Fire Service (GMCFS) plus crime data employed in an earlier investigation of links between crime and social disadvantage on Merseyside.

The varying degrees of concentration of incidents is illustrated with the aid of information derived from a spreadsheet-based analysis which is complemented by the visualisation of these features using a Lorenz curve-based form of presentation which provides a convenient way of comparing the degree of concentration of different types of risk. Finally, the scope to highlight significant features of the spatial distribution of areas of relatively high and low risk is illustrated using basic mapping functions supported by a widely available GIS package.

# 1. Introduction

The targeting of resources into small areas is being used increasingly as an essential part of efforts to combat crime, reduce fire risk and address a variety of related community safety issues. The logic behind this approach is in many ways self-evident - in trying to tackle a pressing problem by seeking to maximise the return on the investment of personnel, equipment, etc by focusing attention upon the 'worst' areas. However, this area-based form of targeting represents only one of a series of different approaches to targeting that are the subject of a wide-ranging review by Hirschfield and Bowers (forthcoming). They note the key role that targeting has played in policy regimes that have sought to ensure that scarce resources reach those in greatest need. These can be exemplified by social policies aimed at reducing poverty and deprivation where the recipients or beneficiaries can be individuals, families, social and 'client groups' (such as pensioners or disabled people) or urban regeneration programmes intended to turn around the fortunes of deprived areas.

Similar issues are raised in the targeting of crime prevention and community safety programmes where equal importance can be attached to the choice of scale and the prioritisation of entities to receive resources. Here the targets of crime and disorder that require protection may be individuals (e.g. those vulnerable to assault or robbery), households or family units, social, ethnic or client groups, properties (vulnerable to arson or burglary), organisations and institutions, or public places (e.g. places affected by disorder, juvenile disturbance or arson attacks on vehicles). Two further factors that affect the logistics of targeting are the temporal dimension (i.e. when to target or intervene) and the spatial dynamics of targeting. The latter issue concerns whether effort should continue to focus on the same area, the same properties, the same individuals over time or to adopt a more flexible approach and switch to new targets.

Efforts to target resources inevitably face dilemmas that usually revolve around questions of fairness, equity and territorial justice. As a form of rationing, such efforts often expose the extent to which some people or places are excluded from action as clearly as they highlight the plight of those that will benefit from the effects of resource deployment. If priority areas are used as a form of rationing, there is likely to be debate about the ability of the specified boundaries to differentiate fairly between high and low levels of need and entitlement.

Some types of problem are more geographically concentrated than others - and thus, arguably, more susceptible to this form of area-based priority setting. For example, the Home Office evaluation of anti-burglary schemes implemented through the Safer Cities programme suggested that the targeting of resources on burglary 'hot spots' can and does impact significantly upon crime in such areas (Ekblom, et al, 1996). On the other hand, other types of problem may be more evenly distributed across geographical space and thus more difficult to 'hit' by means of a primarily area-based approach to resource allocation.

In this paper we shall illustrate a common approach that can assist in the process of identifying priority areas. The first, simpler form of area-based targeting is exemplified by drawing upon a project undertaken on behalf the Greater Manchester County Fire Service (GMCFS) that is described more fully elsewhere (see Brown, et

al, 1998). The second example used indicates how the same approach can be taken further to include consideration of how a measure of the level of deprivation, as captured by a small area geodemographic typology, can be employed to assess the extent to which exposure to risk of victimisation varies by type of area and thus found to be correlated with the degree of deprivation (as discussed by Hirschfield, et al, 1995 and Brown, et al, 1996).

# 2. Area Targeting and the Spatial Concentration of Fire Risk

The commissioning of the project by GMCFS (see brown, et al, forthcoming) reflects the fact all fire brigades face the common challenge of trying to maintain and improve the efficiency and effectiveness with which they deliver their services. Typically, they have come under increasing pressure to reduce response times, fatalities and casualties and to identify where fire safety and education initiatives should be focused, all within strict financial constraints. These pressures have led to an increasing emphasis upon the need to target resources and demands for fire brigades to make improvements in the accuracy and availability of operational information that can be drawn upon in seeking to implement the above types of policy. Fire incident statistics provide the starting point for the derivation of information of this type. Here we shall illustrate some steps taken by the largest fire brigade in the UK outside London to improve the quality and usefulness of the information it derives from the wide range of incident data that it collects on a regular basis.

The GMCFS serves the 500 square mile region covered by the former metropolitan county of Greater Manchester, which has a resident population of approximately 2.6 million. The local government of the area is administered by 10 metropolitan district authorities, each of which provides a full range of local services. However, the fire service continues to serve the entire area of the former metropolitan county authority (Greater Manchester County, created in 1974 at the same time as GMCFS) which was abolished in 1986. An impression of the scale of its operations is provided by the fact that GMCFS dealt with a total of nearly 67,000 incidents in 1997, of which 30,000 were fires and almost an equal number were false alarms. A further 7,000 incidents related to so-called 'special service calls' where attendance was required at such incidents as traffic accidents, lift/elevator rescues, floods, etc., which did not necessarily involve a fire.

For some time, the brigade has pursued a policy of promoting fire safety and, in particular, community fire safety, in an effort to educate the public in the best principles of fire prevention. The brigade's fire prevention programmes have been based on monthly incident records from which performance of the brigade's five operational divisions and 41 station areas can be reported and the effectiveness of fire safety campaigns monitored. However, more recently, the need has been recognised for a more detailed understanding of the distribution and patterns of fire incidence, between different geographical areas within the county, so that a broader strategic view can be reached relating to the targeting of resources. This strategic view is required to take into account a wide range of demographic, housing, social, economic and environmental factors which can be related to the fire and other incidents which are attended by the brigade.

Here we draw on the outcome of the first phase of a programme of work carried out by URPERRL, commissioned by GMCFS, which has involved assembly of the data required to produce the desired strategic overview and completion of some exploratory descriptive analyses. Prior to the above programme of work, GMCFS had been unable to break down its incident statistics to smaller areas than its five operational divisions and 41 station areas - plus the ten metropolitan districts to which reference has been made above. The principal advance of the project concerned the delivery of breakdowns of fire incident statistics, and associated maps, relating to the finer geographical units represented by the 214 electoral wards into which the 10 districts are subdivided (see Figure 1 for a plot of the ward and district boundaries, and Appendix 1 for a listing of the wards falling in each of the constituent districts - to which reference is made in later sections of the paper). The 214 wards in the Greater Manchester area have an average population of approximately 12,000.

As well as their electoral significance, the wards are important as they are also used for the publication of data derived from the 1991 Census, upon which a number of further analyses can be based. Indeed, subsequent work has included the analysis of census data at the much finer, enumeration district (ED) level, of which there are c. 5180 in the study area, with an average of 500 persons or 150 households per ED.

By identifying the ward (and ED) in which an individual incident occurs, it is possible to establish not only the **total number** of similar incidents of a specific type in the ward, but also to derive **rates of incidence** with respect to an appropriate 'population at risk'. The latter may be expressed in different ways, such as, for example, the resident population or number of households. Significantly different conclusions may be derived from analyses based on such incidence rates from those based solely on the consideration of total numbers of incidents.

The availability of information in this form has enabled a number of basic research questions to be addressed, and made it feasible, for the first time for the Greater Manchester area, to investigate a number of important issues relating to variation in fire risk at neighbourhood level. These have included the following:

- Where are the worst wards in Greater Manchester for different types of fire?
- How much of the problem is concentrated in the worst wards?
- Are some types of incident (e.g. malicious calls, arsons) more geographically concentrated than others?

Answering questions of this type is important as it helps to establish how much of a problem (e.g. relating to malicious calls or malicious false alarms, sometimes referred to as 'hoax' calls) can be captured by targeting specific areas for action. For certain types of incident, it may prove possible to isolate a significant proportion of events in a relatively small number of areas whilst others may be more widely distributed. This information is likely to have important implications, not only for fire cover, but also for the targeting of preventative programmes, such as fire education campaigns aimed at local schools, as well as radio broadcasts and other media promotions of fire safety issues. Ultimately, it can only assist in enabling better judgements to be made about where best to deploy equipment and personnel to enable the best return to be achieved from the commitment of these hard-pressed fire service resources.

# 3. Methodology

A relatively straightforward approach was adopted in seeking to address the basic research questions identified above. At an early stage, it was decided that, in addition to the overall total number of 72,000 fire incidents reported in 1996, exploratory analyses would focus upon the following five categories of fire incident type:

- a) Residential Fires b) Vehicle Fires c) Malicious Calls
- d) Residential Arsons e) Vehicle Arsons.

In each case, three forms of measure were derived to convey an initial impression of a different aspect of the distribution of this type of fire incident occurring in an individual ward, as follows:

- i) an absolute <u>count</u> of the number of incidents in the ward;
- ii) the ward count expressed as a <u>rate;</u>

iii) the ward count of this type of incident expressed as a percentage <u>share</u> of all incidents reported in the ward (or, sometimes, in the county).

In the case of ii), it was necessary to specify an appropriate denominator for use in the derivation of a corresponding rate for each ward with respect to a 'population at risk'. The denominators used in association with the above fire incident types are indicated in Table 2, together with a more detailed indication of the property and incident types used in their specification.

For residential fires, the choice was relatively straightforward and resulted in the use of the number of households in the ward as the denominator, using data derived from the 1991 Census. For malicious calls, the denominator used was the resident population (also from the 1991 Census). However, in the case of vehicle fires and arsons, the somewhat unusual specification of area of land (in hectares) was adopted, as opposed to residential population, which was a plausible alternative. This was prompted by fact that many fires affecting vehicles do not occur outside the residences of their owners. Most vehicle fires are arsons and many involve stolen vehicles that are generally dumped at the roadside, but also on derelict land, or open space, at some distance from their owners' place of work or place of residence. Land area was adopted to reflect this effect, in the absence of a compelling argument to use an alternative.

Thus, the starting point for all of the analyses described here was the estimation of absolute <u>counts</u>, <u>rates</u> and <u>shares</u> of all incidents, for each of the <u>214 wards</u> in the Greater Manchester area, for each of the five individual types of fire incident indicated above. The tables containing this information could then be examined to provide the basis of a series of different presentations of information, both in tabular and in mapped form. In particular, much useful new information can be derived simply by ranking the 214 wards with respect to the counts, rates or shares noted above, in operations, that can readily be carried out with the aid of a spreadsheet.

Use of a spreadsheet for this purpose is illustrated below when further measures are introduced (and described more fully). These can be helpful in revealing additional important features of the distribution of fire (or crime, etc) incidents, including: iv) an index value comparing the rate for an individual unit of observation with the

mean or average value for the study area as a whole, the latter set to 100;

- v) the share of all incidents in the study area found to occur in an individual unit of observation and corresponding share of the denominator total;
- vi) after ranking the observation units in the table with respect to the incidence rate, deriving the cumulative percentage of incidents and corresponding cumulative percentage of the denominator total, for each unit of observation.

# 4. Results of Descriptive Analyses

Here we shall first focus upon the outcome of the examination of the tabular information (counts, rates and ward shares of incidents) to reveal the overall extent of variation between wards in the different types of incidents, before considering the degree of geographical concentration of different types of incident.

# 4.1 Absolute Counts of Fires

The outcome of the ward-level analysis of the absolute count of incidents is presented in Table 3. The table lists the five wards with the highest and with the lowest absolute count of the number of incidents, by type of incident, in 1996.

Certain names appear with great consistency in the table, either with respect to high or low counts, between different types of fire incident. Central, Bradford and Cheetham wards in Manchester occur with high counts under virtually all categories, while East Bramhall, South Marple and Cheadle Hulme South (all in Stockport) and Crompton (in Oldham) appear under most categories in the lowest count ward lists.

The ward with by far the highest total number of incidents is Central, in the City of Manchester (Manchester), in which 3,346 incidents were recorded. This was over twice the number recorded in the ward with the second highest total, Bradford, which is also in Manchester. In sharp contrast, South Marple ward, in Stockport, recorded only 42 fire and related incidents in 1996. This reflects the wide range of variation in the number of incidents by ward within the GMCFS area.

Table 3 also shows how the picture changes for different types of fire incident. For example, the ward with the highest number of residential fires was Bradford, with 99, while Central ward fell to fifth place with 76 incidents. This shows that the areas with the highest overall total number of incidents do not necessarily have the highest number of incidents in every incident category. This is not unreasonable in view of the fact that Central (covering central Manchester) is a ward which contains mainly commercial activities and has a relatively low resident population.

Examination of the categories of vehicle fires and vehicle arsons reveals that the ward of Little Hulton, in Salford, had a particular problem with such fires, although it does not feature in the top five wards for any other incident category. Similarly, it is evident that Longsight, as well as Central, in Manchester, account for large numbers of malicious calls. For each incident category, there is a sharp contrast between the number of incidents in the wards with highest and lowest counts, with no incidents at all recorded in some wards in the arson categories.

# 4.2 Fire Risk

Examination of absolute numbers of incidents by ward can be useful in itself, but it does not take into account the size of the wards in terms of the number of persons, households and properties at risk of fire. To enable the issue of fire risk to be addressed, the number of incidents by type in each ward has been converted into a rate using the denominators listed in Table 2. Table 4 records, for example, the five wards with the greatest and least number of residential fires *per 1,000 residential households*.

The ward names in italics in Table 4 are those that do not appear in the table recording the absolute total number of incidents by ward (i.e. Table 3). It is apparent that, when rates are considered, as opposed to total counts, certain wards (e.g. Bradford and Central wards in Manchester City centre) still exhibit a high level of fire risk. However, there are also certain differences. For example, although Little Hulton shows a high risk of vehicle fires and arsons, the two Salford wards of Broughton and Langworthy, which did not feature in Table 3, both show high risks of vehicle fires and arsons per 100 hectares of land. Similarly, Hulme (Manchester) has a high <u>rate</u> of residential fires per 1,000 residential households and malicious calls per 1,000 of the residential population, although it did not have high <u>counts</u> of these incident types. South Marple and Cheadle Hulme South (Stockport) and Crompton (Oldham) are evidently wards with low incident rates as well as low counts of incidents. However, Saddleworth West (Oldham) also seems to have a low level of fire risk when the size of the population at risk is taken into account.

# 4.3 Malicious Calls

Malicious calls to the fire brigade are a persistent drain on resources of precious time, equipment and personnel. Thus it is useful to be able to identify the areas in which there is an over-representation of such calls. Discussion of Tables 3 and 4 has indicated that certain wards have high numbers of such calls and some wards have high rates of calls per 1000 of the resident population. These figures are reproduced in Table 5. In addition, Table 5 also shows the wards that have the highest numbers of malicious calls *as a percentage of the total number of incidents in that ward*.

This is a further useful measure since it represents the percentage of the brigade's work load in a particular area that is 'wasted' on malicious calls. It is clear that the wards that suffer high levels of malicious calls from this perspective are different once again. In Bucklow (Trafford), over a third of the calls to the fire brigade are malicious calls. This can be compared, at the other extreme, with 1.5% of calls in the Norden and Bamford in Rochdale. We may conclude that the probability that a call will result in a wasted journey is significantly higher in Bucklow than in Norden and Bamford.

Interestingly, we have noted that the wards that have the highest proportions of all fire incidents that are malicious calls are different from the wards with the highest counts of malicious calls and those with the highest rates of malicious calls per 1000 of the residential population. Each can provide a different perspective on the same problem. The total count of incidents provides an indication of the overall size of the problem; the rate gives an idea of the prevalence or risk of fire within the local community,

while the share of all fires represented by a specific type of incident tells us how varied the fire fighters' workload is likely to be in each local area.

# 5. Degree of Concentration

The tabular displays presented in Tables 3-5 provide an indication of variation in the absolute number of incidents, the rate of occurrence of incidents and the share of total incidents attributable to particular types of incident, within an individual ward. However, further useful information can be derived from a table of this form in which the units of analysis (in this case wards) are ranked according to a measure of interest (in this case fire incidence rate). In further columns, added to the table, a <u>cumulative count</u> can be recorded of both the number of incidents and the corresponding 'population at risk', and for each ward, each cumulative total expressed, in turn, as a percentage of the corresponding overall total - as the <u>cumulative percentage of incidents</u> and <u>cumulative percentage of 'population at risk'</u>, respectively.

The derivation of these figures (for example, in a spreadsheet) enables a clear impression to be gained of the degree to which the incident type of interest is concentrated in particular units of analysis - expressed in terms of percentages of the respective totals. For example, in Table 6 we see the cumulative total and percentage figures added to an extended version of the ranked table from which the Residential Fires incidence rate figures were extracted that were presented in Table 4. This indicates that **40 percent** of the fires occurred in the 35 wards (of the 214 in Greater Manchester) which account for just **16 percent** of the total number of households.

Incidentally, we note that the spreadsheet table (Table 6) also features an additional column that can be useful in the comparison of the degree of variation in ward values between different incident types (although, for illustrative purposes, a table of this form is only presented here for Residential Fires). The further column contains an index value which provides a direct comparison between the observation unit (ward) fire rate and the overall mean for the study area as a whole - in this case the GMCFS area - with the latter mean value set to 100. Here, for example it can be seen, from the index value of 426, that the highest fire rate, recorded in Bradford ward in Manchester, is over four times the GMCFS area mean of 4.8 per 1000 households.

# 6. The Lorenz Curve and Measures of Performance

The degree of concentration in a relatively small proportion of wards, noted above, can be represented visually in the form of a Lorenz curve, as illustrated in Figure 2. In this figure, the <u>cumulative percentage of residential fires</u> is plotted against the corresponding <u>cumulative percentage of resident households</u>, for all 214 wards. This conveys a clear visual, or qualitative, impression of the extent to which residential fires tend to be concentrated in wards accounting for a relatively small percentage of Greater Manchester households. However, two further quantitative measures of this degree of concentration can be derived from the plot, based on the relationship between the plotted line and the diagonal line (plotted as a broken line in Figure 2). We can note that the appearance of a plot of cumulative percentages directly on this line would represent a completely even distribution of incidents between the units of observation.

The first measure is based upon the point of inflection (indicated in Figure 2 by the vertical and horizontal lines), the point at which the curve is no longer 'rising' away from the diagonal. Up to this point, a greater percentage of incidents per unit of observation is found than the corresponding percentage of the population at risk. Beyond it, the share of incidents per unit will be less than the corresponding share of 'population'. Another way of putting this is to state that the shares of the respective totals will be equal to the overall averages for the study area as a whole at this point in the cumulative percentage table. Before this point, an above average share of incidents will have been found per unit in comparison with the overall average for the study area.

In the case of residential fires, this occurs at the point at which 64 percent of fires are accounted for by wards containing 36 percent of the resident households. One way of interpreting this is to state that the <u>78 wards</u> containing this <u>36 percent</u> of the household total have a greater number of residential fire incidents per ward than the average for the Greater Manchester area as a whole.

The second measure is an overall measure of performance that can be derived from the Lorenz curve plot by determining the area 'under the curve' or, more explicitly, between the curve and the diagonal. It is labelled as a measure of <u>effectiveness</u> and expresses the area under the curve as a percentage of the total area above the diagonal. This serves as a further measure of the <u>degree to which the units of</u> <u>observation</u> (the wards in this case) are able to <u>capture as great a share as possible of the incidents of interest in as small a share of the population at risk.</u>

In the case of residential fires, the measure of effectiveness proves to be 38.8 percent, which appears to be a reasonably high figure. However, the corresponding figures derived from the Lorenz curve plots for the other fire types are presented in Table 7. This shows that, in the case of vehicle fires, the measure is significantly higher at 60.3 percent, indicating an extremely high degree of concentration of this type of incident upon wards which account for a relatively small percentage of the total study area - as is evident from the contrasting plot presented here as Figure 3. This is also reflected in the corresponding point of inflection percentages which indicate that, at this stage in the cumulative percentage (spreadsheet) table, 73 percent of incidents are found to occur in wards which account for only 27 percent of the area served by GMCFS - the greatest degree of concentration of all of the fire types examined here.

Finally, we note that the two arson categories examined (residential and vehicle) appear to be more concentrated than both malicious calls and residential fires, with over three quarters of all incidents in both cases accounted for by 31 percent of the corresponding denominators, and the effectiveness measure reaching c. 56 and 60 percent, respectively.

The fact that such a large proportion of these fire incidents are concentrated in such a relatively small number of wards clearly has important implications for the targeting of schemes and resources that are directed towards combating these occurrences.

What is also apparent from the analyses reported here is that the fire incidents examined are far from evenly distributed between the 214 electoral wards in the GMCFS area. Indeed, it has been shown that there is some variation between fire types in the degree of concentration of fires and that some types, notably arsons, display a particular tendency to be concentrated in a relatively small part of the area. [This immediately prompts questions about the economic, social and other conditions in the areas concerned - issues which will be addressed directly in future research].

In every case it is evident that the risk of fire is not evenly distributed between different parts of the area served by the fire service - an assumption which traditionally has provided a basis for the approach adopted to the provision of fire cover.

What the analyses have so far failed to do is to reveal the degree of geographical concentration of the incidents examined and the spatial distribution of the wards in which a relatively high rate of incidence is recorded. This can be achieved using methods that are illustrated in Figure 4. This features a choropleth or shaded map that depicts the quintiles of the distribution of rates of residential fires. This has been produced with the aid of the ArcView GIS product, using basic mapping conventions and principles explored more fully elsewhere by Brown, et al (1991 and 1995). The plot serves to complement the information presented in tabular form and conveys a readily interpretable impression of where the areas of relatively high and low levels of incidence are located.

# 7. Extensions to Coarse Area-Based Targeting

This paper has so far illustrated some of the ways in which information can be used to establish a basis for the targeting of resources based on a relatively coarse set of geographical units (wards). It has focused on routinely collected fire incident data for this purpose - but could be equally easily applied to other forms of incident data. A combination of basic analytical methods and geographic information systems (GIS) has been employed to highlight distinctive features of the degree of concentration and broad spatial patterns displayed by different categories of fire incident. The potential of these basic methods of analysis has been demonstrated in producing an impression of the extent of variation in the distribution of different types of fire incident between the 214 electoral ward subdivisions of the area served by GMCFS.

There is clearly a great deal of scope to extend and refine the forms of descriptive analysis that have been described. Indeed, the paper has drawn upon work which has formed part of the early stages of a long term programme of research and development activity which is directed towards increasing the efficiency and effectiveness with which the GMCFS is able to deploy its resources. Some of this further work is being pursued as part of a three-year PhD research programme, that is being undertaken by Steve Merrall under the supervision of URPERRL staff, entitled 'Relationship between fire incidence and social and environmental risk factors: implications for resource allocation, operational effectiveness and fire safety programmes', which has been partly sponsored by GMCFS and by the UK's Economic and Social Research Council. Among the further issues that are to be addressed as part of this programme is the examination of fire incident and fire risk data at the finer level of spatial resolution to which reference has been made above - the 5182 census enumeration district (ED) into which the 214 wards are subdivided. This is opening up a series of interesting possibilities, not least the opportunity to reveal, in still greater detail, the degree of local variation and concentration of particular types of fire incident.

A particularly exciting prospect is the opportunity that exists to link the fire incident and fire risk data, for these small areas, to other information which could provide a basis for examining the relationship between these events and variables which could provide a degree of explanation for the variation that is observed between different areas. From a practical perspective, in these statistical relationships, the fire service is looking for 'variables', which can be controlled, even if, in practice, that control may be achieved only as a result of a long-term process - through the redevelopment and restructuring of what emerge as 'bad' areas and the elimination of features which are thought to contribute to an increase in fire risk.

The census is an obvious source of information for use for this purpose, in the form of individual indicators, such as property type and dwelling tenure, and measures that reflect local social conditions, such as the level of unemployment, overcrowding and single parenthood. In this connection, the availability of a wider range of up-to-date data from the 2001 Census is eagerly awaited.

# 8. Geodemographics and Spatial Targeting

Individual indicators of this type, derived from the census and relating to small geographical areas, will undoubtedly prove useful for analytical purposes. However, an important major link to be employed in this work is with the field of geodemographics, or the development and application of small area classifications. Geodemographic typologies are designed to capture, in a concise way, the multi-dimensional nature of what distinguishes one type of small area (usually based on census EDs) from another (Brown, 1991).

One of the authors has been centrally involved in the development of one such typology, Super Profiles (Batey and Brown, 1995), which features three levels of small area description of the 140,000 or so EDs used in reporting the results of the 1991 Census - 160 clusters, 40 Target Markets and 10 so-called Lifestyles.

These groupings of EDs were identified based upon the use of c. 80 variables derived from census counts for each of the EDs, including measures relating to the demographic characteristics of residents, the dwelling tenure and socio-economic status of households, property type, ethnic origin, etc. The area types were identified using cluster analysis methods which ensure that the resulting groupings of EDs share certain essential features yet are distinctly different from one another. Their characteristics are summarised in the form of pen pictures that are based upon the comparison of the mean values of classificatory and other descriptive variables for each cluster with the corresponding national mean value. Expressed in index form, this comparison serves to highlight clusters that display extreme values, markedly different from the 'average'. The resulting classification is to be used extensively in the proposed programme of analytical work. Geodemographic typologies, like Super Profiles, have already proved to be extremely effective, in a wide range of applications in both the private sector and the public sector (see Brown, et al, 1998, Batey, et al, forthcoming) as a means of distinguishing areas that show widely different patterns of, for example, consumer, health or criminal behaviour by their residents, or associated phenomena which vary from area to area.

The intention here is to establish how effective the typology is in distinguishing the types of area in which relatively high and/or low levels of incidence of fire incidents are recorded, as a step towards refining further the ability of the fire service to target its resources on geographical areas, types of community or social groups which are deemed to be in greatest need. Such a capability may be viewed as a prerequisite for identifying the most appropriate courses of action in each case and, ultimately, in achieving the best returns, from the commitment of equipment and personnel, in terms of a reduction in casualties, fatalities and property damage.

To illustrate the potential that lies in this direction we shall use an example drawn from the ESRC-funded Crime and Social Order Programme funded project that examined the relationship between crime and social disadvantage on Merseyside (Hirschfield, et al, 1995, Brown, et al, 1996) in which three main objectives were pursued:

- to investigate relationships between crime and the spatial segregation of deprived people;
- to examine the extent to which crime risks (i.e. in terms of being a victim or an offender) are greater where disadvantaged areas either directly border or are in close proximity to affluent areas; and
- to identify the extent to which crime in disadvantaged areas is attributable to a lack of social cohesion.

For this purpose a wide range of different datasets were assembled, including approximately two million records of calls to the police spanning a three year period from 1992 to 1994. The particular form of analysis that is relevant to the current discussion involved the linking of these records to the Super Profile typology. In some cases this would have been possible from a postal address via the postcode - but, in many cases, a property grid reference served as the only spatial reference. Such a grid reference could be used to determine the ED (thus the area type) in which the property lay with the aid of a 'point in polygon' GIS operation.

Once an incident had been assigned to an appropriate ED and thus to a cluster, it was possible to derive a rate of incidence for each cluster by expressing the count in relation to an appropriate denominator representing the population at risk. In practice, the latter could be specified in a variety of ways depending upon the type of offence and the time of day. Indeed, a key issue in the interpretation of patterns of crime can often prove to the selection of an appropriate denominator - perhaps expressed in terms of the daytime or night-time population of a particular area.

For example, the number of 'burglary dwelling' calls recorded among those resident in each of the 40 area types known as Target Markets can be related to the number of residential properties in the area type concerned to produce an annual <u>rate</u> per 1000 residential properties - as illustrated in Table 8. This takes the form of a spreadsheet which is similar in form to Table 6 - but in this case the rows relate to the individual Target Market area types and not the 214 wards of Greater Manchester.

The rate information can again be expressed in index form in comparison with the overall mean rate for the entire area of study. More importantly, when ranked in terms of the rate of incidence, the cumulative percentage of burglary dwelling command and control calls can be related to the cumulative percentage of residential properties to provide a measure of the degree of concentration of this type of crime in particular types of area. For example, it can be seen that the first 6 percent of properties account for c. 12 percent of calls and that 30 percent account for 40 percent of calls.

These figures suggest that 'burglary dwelling' is relatively evenly distributed between different types of area represented by the Target Market level of the Super Profiles typology. This impression is reinforced when the cumulative percentages are used to plot the corresponding Lorenz curve that is illustrated in Figure 5, the effectiveness of which, measured in terms of the area under the curve, is only 15.4 percent.

This may be contrasted with the example that appears in Table 9 and Figure 6 in which the command and control calls relating to sexual offences (in relation to the number of persons present) by Target Market are first tabulated and ranked and the correspond-ing cumulative percentages of calls and persons present plotted in the Lorenz curve. This highlights very vividly the contrast with burglary dwelling incidents in that over 20 percent of calls are concentrated in areas accounting just over 1.5 percent of the persons present - and 40 percent are accounted for by just over 12 percent of persons present - an exceptionally highly concentrated form of incident type.

These two examples serve to illustrate how the form of ward-based spatial targeting that has been demonstrated with respect to the fire incident data for Greater Manchester could be extended to distinguish the <u>area types</u> between which significant differences are likely to be found in future analyses.

# 9. Concluding Comments

This paper has sought to highlight some of the issues that are raised in the development of project targeting methods for use in connection with community safety initiatives. It has illustrated how a basic form of area-based method can be applied, using the relatively coarse level of spatial resolution represented by the electoral ward, in the case of fire incident data for Greater Manchester. This example served to highlight the different outcomes of analyses that identify areas which display high incident counts, rates of incidence and shares of incidents. It has also demonstrated some of the benefits that can flow from the use of a combination of a speadsheet and Lorenz curve plot to examine the degree of concentration of incidents in relation to the share of the population at risk that is found in the individual spatial

units of analysis - wards in the example used here. The paper has also gone on to illustrate how this same principle can be extended to the application of geodemographic methods of analysis. Such methods draw upon the multi-dimensional characterisation of similarities and differences between small areas and seek to highlight variation in indicence rates between area types.

The key here is to first establish the degree of variation that exists between different area types and to identify where such area types are located. Use can then be made of the known features of these area types as guide to identifying appropriate courses of action to be taken in developing measures to reduce the rate of incidence or bring about a change in the behaviour of the local population.

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# Table 1Greater Manchester County Fire ServiceBreakdown of Incidents by Type - 1996

	Incident Type	Number	Percentage
1.	FDR1 Fires 1A (property but excluding vehicles)	8,522	11.9
2.	FDR1 Fires 1B (vehicles only)	5,242	7.3
3.	FDR3 Fires (grass, rubbish, derelict properties, etc)	19,996	27.9
4.	Chimney Fires	137	0.2
5.	False Alarm Calls : Malicious	9,426	13.1
6.	False Alarm Calls : Due to Apparatus	15,256	21.3
7.	Special Service Calls : Emergency Incidents	5,954	8.3
8.	Special Service Calls : Non-Emergency Incidents	845	1.2
9.	Over the Border Incidents (in adjacent authorities)	549	0.8
10.	False Alarm with Good Intent	5,848	8.2
	TOTAL	71,775	100.0

Note: A small number of additional incidents were attended for which no details were recorded of the incident type and these have been excluded.

# Table 2Fire Incident Types and DenominatorsUsed to Contruct Fire Incidence Rates

# 1. Residential Fires

Definition: the following Property Codes: 04, 05, 06, 07 i.e. dwelling - with shopping premises, bungalow, flat/apartment/maisonette, house

Denominator : 1000 Resident Households

# 2. Vehicle Fires

Definition: the following Property Codes: 50-57 (fire on road) 60-67 (fire on open ground) 70-77 (fire in car park) 80-87 (fire elsewhere) This includes cars, vans, lorries, tankers, coaches, buses, motor cycles, scooters, other self-propelled vehicles and vehicles not powered by an engine (e.g. whilst on tow).

Denominator : Hectares of Land

# 3. Malicious Calls

Definition: Incident Type Code 4, i.e. False Alarm, Malicious Call.

Denominator: 1000 Resident Population

# 4. Residential Arsons

Definition: Ignicious Act Code 23, i.e. malicious ignicious act and Property Codes 04, 05, 06, 07.

Denominator : 1000 Resident Households

# 5. Vehicle Arsons

Definition: Ignicious Act Code 23, i.e. malicious ignicious act and Property Codes 50-57, 60-67, 70-77, 80-87.

Denominator : Hectares of Land

# Table 3Wards with the Highest and Lowest AbsoluteTotal Number of Incidents by Category of Fire

Highest Count Wards	Num. <u>Lowest</u> Count Wards		Num.	
All Fires				
Central (Manchester)	3346	Norden and Bamford (F	Rochdale)	66
Bradford (Manchester)	1197	Manor (Stockport)		65
Ardwick (Manchester)	1184	Crompton (Oldham)		58
Cheetham (Manchester)	1153	East Bramhall (Stockpo	rt)	45
Blackfriars (Salford)	1153	South Marple (Stockpor	t)	42

# **Residential Fires**

Bradford (Manchester)	99	Flixton (Trafford)	4
Cheetham (Manchester)	96	Bromley Cross (Bolton)	4
Moss Side (Manchester)	78	Crompton (Oldham)	4
Harpurhey (Manchester)	76	Middleton (Rochdale)	3
Central (Manchester)	76	South Marple (Stockport)	3

# **Vehicle Fires**

Little Hulton (Salford)	136	South Marple (Stockport)	4
Central (Manchester)	131	Priory (Trafford)	3
Cheetham (Manchester)	112	Stalybridge (Tameside)	3
Ordsall (Salford)	112	East Bramhall (Stockport)	3
Bradford (Manchester)	110	Cheadle Hulme South (Stockport)	2

# **Malicious Calls**

Central (Manchester)	475
Longsight (Manchester)	209
Moss Side (Manchester)	184
Bradford (Manchester)	180
Ardwick (Manchester)	175

# **Residential Arsons**

Bradford (Manchester)	64
Cheetham (Manchester)	37
Benchill (Manchester)	32
Harpurhey (Manchester)	31
Lightbowne (Manchester)	30

Holyrood (Bury)	3
South Marple (Stockport)	3
Crompton (Oldham)	2
Cheadle Hulme South (Stockport)	2
Norden and Bamford (Rochdale)	1

East Bramhall (Stockport) 0
Cheadle Hulme South (Stockport) 0
South Marple (Stockport) 0
Saddleworth East (Oldham) 0
South Marple (Stockport) 0

# Table 4Wards with the Highest and LowestIncidence Rates by Category of Fire Incident

Note: rate per 1000 of the corresponding denominator, with different denominators used for each Category of Fire Incident

Highest Rate Wards	Rate	Lowest Rate Wards	Rate
<b>Residential Fires</b>			
Bradford (Manchester)	20.3	Crompton (Oldham)	1.0
Central (Manchester)	17.9	Middleton East (Rochdale)	0.9
Cheetham (Manchester)	17.8	Horwich (Bolton)	0.9
Hulme (Manchester)	17.8	Bromley Cross (Bolton)	0.8
Ardwick (Manchester)	16.2	South Marple (Stockport)	0.6
Vehicle Fires			
Broughton (Salford)	67.8	Aspull-Standish (Stockport)	0.5
Langworthy (Salford)	55.9	East Bramhall (Stockport)	0.5
Little Hulton (Salford)	41.1	Cheadle Hulme South (Stockport)	0.4
Ordsall (Salford)	36.4	South Marple (Stockport)	0.2
Bradford (Manchester)	30.3	Saddleworth East (Oldham)	0.2
Malicious Calls			
Central (Manchester)	53.7	South Marple (Stockport)	0.3
Ardwick (Manchester)	18.6	East Bramhall (Stockport)	0.2
Blackfriars (Salford)	16.6	Crompton (Oldham)	0.2
Bradford (Manchester)	15.5	Cheadle Hulme South (Stockport)	0.1
Hulme (Manchester)	14.4	South Marple (Stockport)	0.1
<b>Residential Arsons</b>			
Bradford (Manchester)	13.1	East Bramhall (Stockport)	0.0
Ordsall (Salford)	7.8	Cheadle Hulme South (Stockport)	0.0
Cheetham (Manchester)	6.9	South Marple (Stockport)	0.0
Benchill (Manchester)	6.7	Saddleworth East (Oldham)	0.0
Central (Manchester)	6.4	Crompton (Oldham)	0.0
Vehicle Arsons			
Broughton (Salford)	60.8	Saddleworth West (Oldham)	0.1
Langworthy (Salford)	52.9	South Marple (Stockport)	0.1
Little Hulton (Salford)	39.0	Langtree (Wigan)	0.0
Ordsall (Salford)	33.4	Cheadle Hulme South (Stockport)	0.0
Bradford (Manchester)	27.0	East Bramhall (Stockport)	0.0

Note: wards in *italics*, not present in corresponding group for absolute counts

# **Vehicle Arsons**

Little Hulton (Salford)	129	Davyhulme (Trafford)	1
Central (Manchester)	103	South Marple (Stockport)	1
Ordsall (Salford)	103	Langtree (Wigan)	0
Cheetham (Manchester)	99	Cheadle Hulme South (Stockport)	0
Bradford (Manchester)	98	East Bramhall (Stockport)	0

# Table 5Wards with the Highest and Lowest Malicious Calls<br/>in terms of Absolute Count, Incidence Rate<br/>and Share of Incidents

Note: rate per 1000 resident population, in this case.

Highest Count Wards	Num. <u>Low</u>	est Count Wards Num	1.
Central (Manchester)	475	Holyrood (Bury)	3
Longsight (Manchester)	209	South Marple (Stockport)	3
Moss Side (Manchester)	184	Crompton (Oldham)	2
Bradford (Manchester)	180	Cheadle Hulme South (Stockport)	2
Ardwick (Manchester)	175	Norden and Bamford (Rochdale)	1
Highest Rate Wards	Rate	Lowest Rate Wards	Rate
Central (Manchester)	53.7	South Marple (Stockport)	0.3
Ardwick (Manchester)	18.6	East Bramhall (Stockport)	0.2
Blackfriars (Salford)	16.6	Crompton (Oldham)	0.2
Bradford (Manchester)	15.5	Cheadle Hulme South (Stockport)	0.1
Hulme (Manchester)	14.4	South Marple (Stockport)	0.1
Highest Share Wards %		Lowest Share Wards	%
Bucklow (Trafford)	35.8	Crompton (Oldham)	3.5
Middleton East (Rochdale)	31.3	Worsley/Boothstown (Salford)	3.3
Failsworth West (Oldham)	30.3	Altrincham (Trafford)	3.1
Alexandra (Oldham)	29.5	Cheadle Hulme South (Stockport)	2.1
Breightmet (Bolton)	27.3	Norden and Bamford (Rochdale)	1.5

# Table 6Table Ranked by Incidence Rate for Residential Fires<br/>including Cumulative Totals of Incidents and Households

# **Greater Manchester County Fire Service**

# **Ranked Ward Table for Residential Fires - 1996**

Overall Mean Rate for 214 Wards = 4.8 Residential Fires per 1000 Households

Ward No.	Ward Name	District	Resid- ential Arsons	Resident House- holds	Arson Rate per 1000 Hhlds	Index (Mean= 100)	% Total Arsons	% Total Hhlds	Cum % Total Arsons	Cum % Total Hhlds
5	Bradford	BN	64	4870	13.1	1150	5.61	0.49	5.61	0.49
3	Ordsall	BR	25	3206	7.8	682	2.19	0.32	7.80	0.81
4	Cheetham	BN	37	5390	6.9	601	3.24	0.54	11.04	1.35
29	Benchill	BN	32	4815	6.6	582	2.80	0.48	13.85	1.83
2	Central	BN	27	4247	6.4	556	2.37	0.43	16.21	2.26
11	Harpurhey	BN	31	5040	6.2	538	2.72	0.50	18.93	2.76
7	Broughton	BR	26	4260	6.1	534	2.28	0.43	21.21	3.19
34	Hulme	BN	22	3767	5.8	511	1.93	0.38	23.14	3.57
13	Langworthy	BR	27	4666	5.8	506	2.37	0.47	25.50	4.03
22	Lightbowne	BN	30	5420	5.5	484	2.63	0.54	28.13	4.58
26	Ardwick	BN	22	4134	5.3	466	1.93	0.41	30.06	4.99
66	Werneth	BP	21	4084	5.1	450	1.84	0.41	31.90	5.40
12	Kersal	BR	20	4407	4.5	397	1.75	0.44	33.65	5.84
15	Longsight	BN	22	5598	3.9	344	1.93	0.56	35.58	6.40
18	Blackley	BN	20	5170	3.9	338	1.75	0.52	37.34	6.92
30	Moss Side	BN	21	5536	3.8	332	1.84	0.55	39.18	7.47
28	Rusholme	BN	15	4061	3.7	323	1.31	0.41	40.49	7.88
31	Woodhouse Park	BN	17	4703	3.6	316	1.49	0.47	41.98	8.35
82	Ashton St.Peters'	BT	16	4585	3.5	305	1.40	0.46	43.38	8.81
10	Beswick and Clayton	BN	17	4917	3.5	303	1.49	0.49	44.87	9.30
89	Denton South	BT	16	4715	3.4	297	1.40	0.47	46.28	9.78
9	Blackfriars	BR	12	3582	3.4	293	1.05	0.36	47.33	10.13
1	Little Hulton	BR	16	4790	3.3	292	1.40	0.48	1.40	0.48
166	Middleton West	BQ	9	2736	3.3	288	0.79	0.27	2.19	0.75
38	CrumpsWARDl	BN	16	5100	3.1	275	1.40	0.51	3.59	1.26
67	Sharston	BN	15	4918	3.1	267	1.31	0.49	4.91	1.76
33	Weaste and Seedley	BR	13	4270	3.0	266	1.14	0.43	6.05	2.18
8	Pendleton	BR	14	4709	3.0	260	1.23	0.47	7.27	2.66
19	Baguley	BN	15	5049	3.0	260	1.31	0.51	8.59	3.16
14	Gorton South	BN	16	5559	2.9	252	1.40	0.56	9.99	3.72
75	Halliwell	BL	14	5321	2.6	230	1.23	0.53	11.22	4.25
35	Hollinwood	BP	10	3921	2.6	223	0.88	0.39	12.09	4.64
113	Hyde Godley	BT	12	4765	2.5	220	1.05	0.48	13.15	5.12
27	Gorton North	BN	15	5966	2.5	220	1.31	0.60	14.46	5.72
127	Hyde Newton	BT	12	4791	2.5	219	1.05	0.48	15.51	6.20

39	Talbot	BU	8	3421	2.3	205	0.70	0.34	16.21	6.54
59	Coldhurst	BP	10	4359	2.3	201	0.88	0.44	17.09	6.98
56	Northenden	BN	12	5318	2.3	197	1.05	0.53	18.14	7.51
24	Central and Falinge	BQ	9	4373	2.1	180	0.79	0.44	18.93	7.95
16	Charlestown	BN	11	5363	2.1	179	0.96	0.54	19.89	8.49
90	Droylsden East	BT	10	4918	2.0	178	0.88	0.49	20.77	8.98
128	Worsley Mesnes	BW	10	4931	2.0	177	0.88	0.49	21.65	9.47
20	Levenshulme	BN	10	5226	1.9	167	0.88	0.52	22.52	10.00
17	St.Marys	BP	8	4516	1.8	155	0.70	0.45	23.23	10.45
122	Radcliffe South	BM	7	4060	1.7	151	0.61	0.41	23.84	10.86
129	St.James	BP	6	3496	1.7	150	0.53	0.35	24.36	11.21
21	Newton Heath	BN	9	5346	1.7	147	0.79	0.54	25.15	11.74
105	Alexandra	BP	7	4158	1.7	147	0.61	0.42	25.77	12.16
60	Abram	BW	8	4992	1.6	140	0.70	0.50	26.47	12.66
68	Norley	BW	6	3866	1.6	136	0.53	0.39	26.99	13.05
83	Smallbridge&Wardl ew'	BQ	7	4644	1.5	132	0.61	0.47	27.61	13.51
36	Newbold	BQ	6	4116	1.5	128	0.53	0.41	28.13	13.92
44	St.Pauls	BP	6	4328	1.4	121	0.53	0.43	28.66	14.36
179	Heywood West	BQ	5	3898	1.3	112	0.44	0.39	29.10	14.75
76	Derby	BL	6	4758	1.3	110	0.53	0.48	29.62	15.22
61	Leigh Central	BW	6	4783	1.3	110	0.53	0.48	30.15	15.70
77	Whalley Range	BN	6	5165	1.2	102	0.53	0.52	30.67	16.22
136	Hyde Werneth	BT	5	4469	1.1	98	0.44	0.45	31.11	16.67
97	Central	BL	5	4615	1.1	95	0.44	0.46	31.55	17.13
25	Brinnington	BS	5	4637	1.1	94	0.44	0.46	31.99	17.59
6	Pendlebury	BR	6	5784	1.0	91	0.53	0.58	32.52	18.17
45	Farnworth	BL	5	5047	1.0	87	0.44	0.51	32.95	18.68
107	Clifford	BU	4	4077	1.0	86	0.35	0.41	33.30	19.09
208	Priory	BU	4	4151	1.0	84	0.35	0.42	33.65	19.50
153	Fallowfield	BN	4	4152	1.0	84	0.35	0.42	34.01	19.92
156	Park	BU	3	3117	1.0	84	0.26	0.31	34.27	20.23
84	Brimrod and Deeplish	BQ	3	3207	0.9	82	0.26	0.32	34.53	20.55
137	East	BM	4	4375	0.9	80	0.35	0.44	34.88	20.99
96	Astley Bridge	BL	5	5478	0.9	80	0.44	0.55	35.32	21.54
155	Wardle	BQ	3	3310	0.9	79	0.26	0.33	35.58	21.87
41	Bucklow	BU	3	3313	0.9	79	0.26	0.33	35.85	22.20
69	Heywood South	BQ	4	4425	0.9	79	0.35	0.44	36.20	22.65
138	Chadderton Central	BP	4	4457	0.9	79	0.35	0.45	36.55	23.09
73	Daubhill	BL	4	4570	0.9	77	0.35	0.46	36.90	23.55
130	Middleton Central	BQ	3	3531	0.8	74	0.26	0.35	37.16	23.90
78	St.Mary's	BM	4	4809	0.8	73	0.35	0.48	37.51	24.39
79	Ashton Hurst	BT	4	4824	0.8	73	0.35	0.48	37.86	24.87
32	Burnden	BL	4	5007	0.8	70	0.35	0.50	38.21	25.37
62	Irlam	BR	3	3768	0.8	70	0.26	0.38	38.48	25.75
114	Harper Green	BL	4	5131	0.8	68	0.35	0.51	38.83	26.26
106	Brooklands	BN	4	5344	0.7	65	0.35	0.54	39.18	26.80
100	Balderstone	BQ	3	4098	0.7	64	0.26	0.41	39.44	27.21
180	Hale	BU	3	4107	0.7	64	0.26	0.41	39.70	27.62
108	Village	BU	3	4113	0.7	64	0.26	0.41	39.96	28.03
40	Lees	BP	3	4167	0.7	63	0.26	0.42	40.23	28.45
116	Longdende	BT	3	4183	0.7	63	0.26	0.42	40.49	28.87
154	Radcliffe Central	BM	3	4243	0.7	62	0.26	0.42	40.75	29.29

115	Moorside	BM	3	4246	0.7	62	0.26	0.43	41.02	29.72
123	Smithills	BL	3	4464	0.7	59	0.26	0.45	41.28	30.16
191	Swinley	BW	3	4520	0.7	58	0.26	0.45	41.54	30.62
167	Middleton North	BQ	3	4562	0.7	58	0.26	0.46	41.81	31.07
140	Tonge	BL	3	4576	0.7	57	0.26	0.46	42.07	31.53
199	Whelley	BW	3	4666	0.6	56	0.26	0.47	42.33	32.00
142	Spotland	BQ	2	3139	0.6	56	0.18	0.31	42.51	32.31
85	St.Martin's	BU	3	4773	0.6	55	0.26	0.48	42.77	32.79
141	Dukinfield	BT	3	4930	0.6	53	0.26	0.49	43.03	33.29
101	Hindley	BW	3	4933	0.6	53	0.26	0.49	43.30	33.78
43	Swinton North	BR	3	4957	0.6	53	0.26	0.50	43.56	34.28
63	Winton	BR	3	4969	0.6	53	0.26	0.50	43.82	34.77
80	Eccles	BR	3	5061	0.6	52	0.26	0.51	44.08	35.28
143	Cadishead	BR	2	3501	0.6	50	0.18	0.35	44.26	35.63
157	Besses	BM	2	3601	0.6	49	0.18	0.36	44.43	35.99
70	Barlow Moor	BN	3	5652	0.5	46	0.26	0.57	44.70	36.56
52	Hindsford	BW	3	5653	0.5	46	0.26	0.57	44.96	37.12
49	Old Moat	BN	3	5667	0.5	46	0.26	0.57	45.22	37.69
81	Heywood North	BO	2	3859	0.5	45	0.18	0.39	45 40	38.08
72	Longford	BU	2	3907	0.5	45	0.18	0.39	45 57	38.47
46	Sale Moor	BU	2	3912	0.5	45	0.18	0.39	45 75	38.86
158	Sedalev	BM	2	3954	0.5	44	0.18	0.39	45.92	39.26
200	Brooklands	BU	2	4005	0.5	44	0.18	0.10	46 10	39.66
91	Pilkington Park	BM	2	4003	0.5	/3	0.18	0.40	46.10	40.06
181	Church	BM	2	/11 <b>5</b> 9	0.5	42	0.18	0.40	46.45	40.00
102	Eaileworth West	BD BD	2	4109 /108	0.5	42	0.18	0.42	46.63	40.40
102	Saddlaworth Wast		2	4190	0.5	42	0.18	0.42	46.80	40.90
130	Deane Cum Heaton	BI	23	4241 6470	0.5	41	0.16	0.42	40.00	41.55
160	Deduc-Cum-ricaton Podyalos	BL BM	2	0 <del>4</del> 70 4317	0.5	41	0.20	0.05	47.00	41.97
109	Ashton St Mishaal's		2	4317	0.5	41	0.18	0.43	47.24	42.41
117	Ashton St. Michael S		2	4410	0.5	40	0.18	0.44	47.41	42.03
117	Milmour		2	4422	0.5	40	0.18	0.44	41.39	43.29
109	Milliow	БŲ DW	2	4441	0.5	29 27	0.18	0.44	47.77	45.74
23	Wellsday North	BW	2	4708	0.4	37	0.18	0.47	47.94	44.21
4/	Walkden North	BK	2	4845	0.4	30 25	0.18	0.49	48.12	44.09
/1	Moston	BN	2	49/4	0.4	35	0.18	0.50	48.29	45.19
64	Swinton South	BK	2	4997	0.4	35	0.18	0.50	48.47	45.69
131	Davenport	BS	2	5036	0.4	35	0.18	0.50	48.64	46.20
53	Withington	BN	2	5152	0.4	34	0.18	0.52	48.82	46./1
99	Edgeley	BS	2	5312	0.4	33	0.18	0.53	48.99	47.24
212	Langtree	BW	2	5341	0.4	33	0.18	0.53	49.17	47.78
98	Burnage	BN	2	5494	0.4	32	0.18	0.55	49.34	48.33
54	Hindley Green	BW	2	5529	0.4	32	0.18	0.55	49.52	48.88
168	Breightmet	BL	2	5677	0.4	31	0.18	0.57	49.69	49.45
48	South Reddish	BS	2	5949	0.3	29	0.18	0.60	49.87	50.05
159	Cheadle Hulme North	BS	2	5989	0.3	29	0.18	0.60	50.04	50.65
65	Davyhulme East	BU	1	3563	0.3	25	0.09	0.36	50.13	51.01
209	Davyhulme West	BU	1	3791	0.3	23	0.09	0.38	50.22	51.38
184	Royton South	BP	1	3894	0.3	22	0.09	0.39	50.31	51.77
185	Castleton	BQ	1	3896	0.3	22	0.09	0.39	50.39	52.17
172	Ince	BW	1	4121	0.2	21	0.09	0.41	50.48	52.58
57	Bowdon	BU	1	4166	0.2	21	0.09	0.42	50.57	53.00
74	Chadderton South	BP	1	4240	0.2	21	0.09	0.42	50.66	53.42

203	Timperley	BU	1	4285	0.2	20	0.09	0.43	50.74	53.85
193	Altrincham	BU	1	4346	0.2	20	0.09	0.44	50.83	54.28
204	Beech Hill	BW	1	4370	0.2	20	0.09	0.44	50.92	54.72
86	Healey	BQ	1	4464	0.2	20	0.09	0.45	51.01	55.17
186	Littleborough	BQ	1	4541	0.2	19	0.09	0.45	51.10	55.62
183	Elton	BM	1	4620	0.2	19	0.09	0.46	51.18	56.09
42	Denton West	BT	1	4744	0.2	18	0.09	0.48	51.27	56.56
201	Heald Green	BS	1	4834	0.2	18	0.09	0.48	51.36	57.05
37	Atherton	BW	1	4894	0.2	18	0.09	0.49	51.45	57.54
202	Manor	BS	1	4955	0.2	18	0.09	0.50	51.53	58.03
187	Hope Carr	BW	1	5025	0.2	17	0.09	0.50	51.62	58.54
120	Heaton Moor	BS	1	5033	0.2	17	0.09	0.50	51.71	59.04
160	Radcliffe North	BM	1	5042	0.2	17	0.09	0.51	51.80	59.55
50	Denton North East	BT	1	5074	0.2	17	0.09	0.51	51.88	60.05
119	Waterhead	BP	1	5169	0.2	17	0.09	0.52	51.97	60.57
110	Leigh East	BW	1	5221	0.2	17	0.09	0.52	52.06	61.09
171	Claremont	BR	1	5284	0.2	17	0.09	0.53	52.15	61.62
103	Audenshaw	BT	1	5287	0.2	17	0.09	0.53	52.23	62.15
161	Lightshaw	BW	1	5358	0.2	16	0.09	0.54	52.32	62.69
144	Ramsbottom	BM	1	5374	0.2	16	0.09	0.54	52.41	63.23
192	Romiley	BS	1	5660	0.2	15	0.09	0.57	52.50	63.79
118	Didsbury	BN	1	5790	0.2	15	0.09	0.58	52.59	64.37
145	Bredbury	BS	1	5867	0.2	15	0.09	0.59	52.67	64.96
51	Tyldesley East	BW	0	5703	0.0	0	0.00	0.57	52.67	65.53
55	Cale Green	BS	0	4558	0.0	0	0.00	0.46	52.67	65.99
58	Kearsley	BL	0	5019	0.0	0	0.00	0.50	52.67	66.49
87	West Bramhall	BS	0	5490	0.0	0	0.00	0.55	52.67	67.04
88	Bryn	BW	0	4706	0.0	0	0.00	0.47	52.67	67.51
92	Middleton East	BQ	0	3447	0.0	0	0.00	0.35	52.67	67.86
93	Walkden South	BR	0	5222	0.0	0	0.00	0.52	52.67	68.38
94	North Reddish	BS	0	6278	0.0	0	0.00	0.63	52.67	69.01
95	Stalybridge South	BT	0	4150	0.0	0	0.00	0.42	52.67	69.43
104	Failsworth East	BP	0	4273	0.0	0	0.00	0.43	52.67	69.86
111	Blackrod	BL	0	4828	0.0	0	0.00	0.48	52.67	70.34
112	Bedford-Astley	BW	0	5024	0.0	0	0.00	0.50	52.67	70.84
121	Middleton South	BQ	0	3969	0.0	0	0.00	0.40	52.67	71.24
124	Chorlton	BN	0	6115	0.0	0	0.00	0.61	52.67	71.85
125	Shaw	BP	0	4137	0.0	0	0.00	0.41	52.67	72.27
126	Worsley &	BR	0	4461	0.0	0	0.00	0.45	52.67	72.71
	Boothstown									
132	Horwich	BL	0	5815	0.0	0	0.00	0.58	52.67	73.30
133	Royton North	BP	0	4266	0.0	0	0.00	0.43	52.67	73.72
134	Broadheath	BU	0	4368	0.0	0	0.00	0.44	52.67	74.16
135	Winstanley	BW	0	5565	0.0	0	0.00	0.56	52.67	74.72
146	Unsworth	BM	0	3595	0.0	0	0.00	0.36	52.67	75.08
147	Hazel Grove	BS	0	6255	0.0	0	0.00	0.63	52.67	75.70
148	Heaton Mersey	BS	0	6291	0.0	0	0.00	0.63	52.67	76.33
149	Ashton Waterloo	BT	0	4151	0.0	0	0.00	0.42	52.67	76.75
150	Droylsden West	BT	0	4237	0.0	0	0.00	0.42	52.67	77.17
151	Aspull-Standish	BW	0	5163	0.0	0	0.00	0.52	52.67	77.69
152	Orrell	BW	0	4826	0.0	0	0.00	0.48	52.67	78.18
162	North Marple	BS	0	4529	0.0	0	0.00	0.45	52.67	78.63
163	Mossley	BT	0	4150	0.0	0	0.00	0.42	52.67	79.04

164	Flixton	BU	0	3892	0.0	0	0.00	0.39	52.67	79.43
165	Urmston	BU	0	3988	0.0	0	0.00	0.40	52.67	79.83
173	Little Lever	BL	0	4563	0.0	0	0.00	0.46	52.67	80.29
174	Saddleworth East	BP	0	4942	0.0	0	0.00	0.50	52.67	80.79
175	Cheadle	BS	0	4940	0.0	0	0.00	0.49	52.67	81.28
176	Great Moor	BS	0	5527	0.0	0	0.00	0.55	52.67	81.83
177	Mersey St.Mary's	BU	0	4579	0.0	0	0.00	0.46	52.67	82.29
178	Ashton-Golborne	BW	0	4663	0.0	0	0.00	0.47	52.67	82.76
188	Westhoughton	BL	0	4135	0.0	0	0.00	0.41	52.67	83.17
189	Bradshaw	BL	0	5273	0.0	0	0.00	0.53	52.67	83.70
190	Stretford	BU	0	4073	0.0	0	0.00	0.41	52.67	84.11
194	Bromley Cross	BL	0	5191	0.0	0	0.00	0.52	52.67	84.63
195	Hulton Park	BL	0	5808	0.0	0	0.00	0.58	52.67	85.21
196	Holyrood	BM	0	4256	0.0	0	0.00	0.43	52.67	85.64
197	Tottington	BM	0	4576	0.0	0	0.00	0.46	52.67	86.10
198	Norden and Bamford	BQ	0	4523	0.0	0	0.00	0.45	52.67	86.55
205	Chadderton North	BP	0	4153	0.0	0	0.00	0.42	52.67	86.97
206	Dukinfield Stalybrid	BT	0	4263	0.0	0	0.00	0.43	52.67	87.39
207	Stalbridge North	BT	0	4193	0.0	0	0.00	0.42	52.67	87.81
210	Crompton	BP	0	4230	0.0	0	0.00	0.42	52.67	88.24
211	South Marple	BS	0	4809	0.0	0	0.00	0.48	52.67	88.72
213	Cheadle Hulme South	BS	0	5351	0.0	0	0.00	0.54	52.67	89.25
214	East Bramhall	BS	0	6111	0.0	0	0.00	0.61	52.67	89.87
			1141	998365	1.1				100.00	100.00

	Cumulative Percentage Denominator	Cumulative Percenta Incidents	Effectiveness % ge (area between Lorenz curve and diagonal)
All Fires	38	66	37.3
<b>Residential Fires</b>	36	64	38.8
Vehicle Fires	27	73	60.3
Malicious Calls	34	71	49.1
<b>Residential Arsons</b>	31	75	55.6
Vehicle Arsons	31	77	59.6

# Table 7 Performance Measures from Lorenz Curve Plots

:: Burglary Dwelling 94]	
Target Market Ranking Report ommand and Control Data: 1992-	
Table 8 Super Profile (Merseyside C	

Note         Annual         S. Faeld         S. Faeld         Currence         Family and sequence           8 Afti         Residential         Burly and sequence         Note         Afti         S. Faeld         Currence         Currence           8 Afti         Residential         Burly and sequence         Note         Afti         S. Faeld         S. Faeld         Currence         Currence <t< th=""><th>Notice Current of Califie to The Projection         Notice All Rank Sanguarce           R Aff.         Residential Exploring         Runual Rank         Service Flank sanguarce           R Aff.         Prospecting         Developing         Samual Rank         Samual Rank</th></t<> <th>India         Function of Casils to The Policies         Note All, Runk - Alluence Flank sequence           R Aff.         Residential Burglery         Burglery         Annual         Stank         Properities         Dual         Currek         Currek           20         750         254         133         300         174         2013         0.14         0.13         0.13         0.14         0.13         0.13         0.14         0.13         0.13         0.14         0.13         0.14         0.13         0.12         0.13         0.14         0.13         0.11         0.10         0.12         0.13         0.14         0.10         0.12         0.13         0.14         0.10         0.11         0.10         0.12         0.11         0.10         0.12         0.10         0.11         0.10         0.11         0.10         0.11         0.10         0.11         0.10         0.11         0.10         &lt;</th> <th>Notice Countrie of Calify Ionne Portice Alth.         Note Alth.         Name         S. Restift         S. Ruestift         &lt;</th>	Notice Current of Califie to The Projection         Notice All Rank Sanguarce           R Aff.         Residential Exploring         Runual Rank         Service Flank sanguarce           R Aff.         Prospecting         Developing         Samual Rank	India         Function of Casils to The Policies         Note All, Runk - Alluence Flank sequence           R Aff.         Residential Burglery         Burglery         Annual         Stank         Properities         Dual         Currek         Currek           20         750         254         133         300         174         2013         0.14         0.13         0.13         0.14         0.13         0.13         0.14         0.13         0.13         0.14         0.13         0.14         0.13         0.12         0.13         0.14         0.13         0.11         0.10         0.12         0.13         0.14         0.10         0.12         0.13         0.14         0.10         0.11         0.10         0.12         0.11         0.10         0.12         0.10         0.11         0.10         0.11         0.10         0.11         0.10         0.11         0.10         0.11         0.10         <	Notice Countrie of Calify Ionne Portice Alth.         Note Alth.         Name         S. Restift         S. Ruestift         <
M.H.         Prespective Properties         Burglary Burk         Amusal Properties         S, Risalid S, Risalid Properties         S, Risalid D, Revelling Properties         Currens, Current Properties         Currens, Current Properties         Currens, Current Properties         Currens, Current Properties         Current Properties         Current Properties         Current Proproted Properties         Current Properties<	M.H.         Prespective December in the section of the section	M.H.         Residential Burglany         Annual Annual         % Result         % Burg. Supp.         Cumrks. Cumrks.         Cumrks. Supp.         Cumrks. Cumrks.         Cumrks. Supp.         Cumrks. Cumrks.         Cumrks.         Cumrks. <thcumrks.< th="">         Cumrks.         Cumrks.</thcumrks.<>	M.H.         Presidential Burglary         Burglary Amual         Stankid Stank         Stankid Property (M.H.         Stankid Property (M
		30         Yeb         284         133         309         0.11         0.41         0.13           36         1482         441         101         2251         0.25         0.26         0.26         0.26           36         586         140         101         2251         0.25         0.26         0.26         0.26         0.26           37         586         140         101         2256         0.66         1.14         0.01         0.11           37         1466         1265         166         175         166         0.25         0.266         0.26	30         7r00         284         113         306         0.11         0.11         0.11         0.11           36         1462         041         101         226         0.26         0.63         0.21         0.01           36         1462         041         101         226         0.26         0.41         0.11           37         586         141         91         226         0.26         1.14         0.11           31         1466         1261         101         226         0.26         1.14         0.11           31         1466         1264         101         1265         0.26         0.11         1.17         1.16           31         15264         126         101         127         0.26         0.26         0.26           31         15264         166         141         101         127         0.36         5.17           31         15264         166         141         101         127         0.36         5.17           31         15264         166         141         102         126         0.36         127         126           31         15264
36         MAS2         641         101         221         0.263         0.363         0.31         101         22           75         536         140         91         226         0.35         0.31         101         22           75         536         140         91         226         0.35         1.41         0.47         2           75         140         151         125         0.46         175         141         0.49         2           75         140         151         126         0.46         174         1.43         1.41	36         1462         641         101         201         0.25         0.66         0.31         1.01         2           37         568         140         91         266         0.03         1.41         0.41	36         1482         641         101         251         0.25         0.451         114         0.26	36         M62         641         101         271         0.25         0.63 <th0.63< th="">         0.63         0.63<!--</td--></th0.63<>
22         3385         1000         66         244         0.69         1.44         0.87         2           1         1         11406         2840         151         111         256         0.69         1.41         0.87         2.41           23         11406         2840         151         111         2.55         0.60         1.40         1.60         1.40         2.40         2.40           23         11406         2840         151         1140         2.55         0.60         1.41         1.00         1.00         2.41         2.40         2.41         2.40         2.41         2.41         2.40         2.41         2.40         2.41         2.41         2.40         2.41         2.40         2.41         2.41         2.41         2.41         2.41         2.41         2.41         2.41         2.41         2.41 <td>22         3385         1000         85         244         0.69         1.44         0.97         2           1         1         11406         201         101         110         110         110         201         110         201         110         201         110         201         110         201         110         201         110         201         110         201         110         201</td> <td>22         3386         1000         66         244         0.50         11.4         0.07           11         11.400         1261         111         226         0.00         1301         130         1301           23         11.400         2361         111         226         0.00         1301         130         1301         306           24         11.400         246         1261         11         225         0.00         1301         110           24         11.400         256         640         131         436         356         141         110         110         211         306           24         145         2569         461         140         0.20         0.38         549         141         0.21         305         141         0.21         305         141         0.21         305         411         141         0.21         141         0.22         0.00         3035         451         142         142         142         142         142         142         142         142         142         142         142         142         142         142         142         142         142         142</td> <td>22         3385         1000         96         244         0.59         1.44         0.01           17         17400         256         1001         11         255         0.001         137         307           29         171405         2601         75         117         255         0.001         131         400           28         11405         2561         114         255         0.001         131         400         110         117         400         110         110         205         557         111         400         551         111         400         551         111         400         551         111         400         551         111         400         551         111         400         551         111         400         551         111         400         400         411         <td< td=""></td<></td>	22         3385         1000         85         244         0.69         1.44         0.97         2           1         1         11406         201         101         110         110         110         201         110         201         110         201         110         201         110         201         110         201         110         201         110         201         110         201	22         3386         1000         66         244         0.50         11.4         0.07           11         11.400         1261         111         226         0.00         1301         130         1301           23         11.400         2361         111         226         0.00         1301         130         1301         306           24         11.400         246         1261         11         225         0.00         1301         110           24         11.400         256         640         131         436         356         141         110         110         211         306           24         145         2569         461         140         0.20         0.38         549         141         0.21         305         141         0.21         305         141         0.21         305         411         141         0.21         141         0.22         0.00         3035         451         142         142         142         142         142         142         142         142         142         142         142         142         142         142         142         142         142         142	22         3385         1000         96         244         0.59         1.44         0.01           17         17400         256         1001         11         255         0.001         137         307           29         171405         2601         75         117         255         0.001         131         400           28         11405         2561         114         255         0.001         131         400         110         117         400         110         110         205         557         111         400         551         111         400         551         111         400         551         111         400         551         111         400         551         111         400         551         111         400         551         111         400         400         411 <td< td=""></td<>
41         500         147         216         0.00         0.21         1.07         2.0           23         7752         2640         76         147         1.96         2.0         1.97         1.97         2.0           24         1.126         2.061         76         1.47         1.96         1.21         2.0         2.0         1.9         1.4           24         1.125         2.00         7.01         1.41         0.01         1.16         4.450         3.0	41         5500         147         91         256         0.00         0.71         1,07         2           23         71782         2040         76         104         71         740         741         740           23         71782         2040         76         100         117         7450         140           24         1156         2061         59         140         0.065         11.71         7450         140           24         1156         2061         59         140         0.056         0.266         14           24         100         1167         44         100         117         7450         100         1167         117         1167         1167         117         1167         117         1167         1167         1167         1167         1167         1167         1167         117         1167         1167         1167         1167         1167         1167         1167         117         1168         117         1168         1168         1168         1168         1168         1168         1168         1168         1168         1168         1168         1168         1168         1168	41         530         141         211         212         213         111	41         530         147         91         226         0.03         147         146         240         147         146         240         147         146         240         147         146         240         147         146         240         147         146         240         147         146         240         147         146         240         147         146         240         147         440
35         6600         1251         101         225         0.00         1.01         1.0	35         6600         1251         010         1255         0100         1251         010         1251         010         1251         010         011         011         011         011         011         011         010         010         010         010         011         011         011         010         011         011         011         011         010         010         011         010         011         010         011         010         010         011         011         010         010         010         011         010         0	38         6600         1251         01         225         0.00         140         140         140           23         11400         2340         75         160         130         131         300           24         1558         246         56         16         173         126         555         141           24         1558         256         57         161         127         555         141           34         1558         256         57         141         0.27         0.36         511         145           34         1558         256         57         141         0.27         0.36         551         141           34         2566         57         141         0.27         0.36         551         141           1         3375         2566         57         141         0.27         0.36         551         141           1         3456         461         140         141         100         141         440           1         3456         461         140         141         141         141         141         141         141         141         14	38         6600         1251         101         225         0.360         1351         130         131         130         130         130         130         131         130         131         130         131         131         131         131         131         131         131         131         131         131         131         131         131
$ \begin{array}{c c c c c c c c c c c c c c c c c c c $	$ \begin{array}{c ccccccccccccccccccccccccccccccccccc$	17         17405         200         75         140         200         75         140         200	17         11406         2804         75         107         1346         201         75         107         305         317         305           28         1138         1234         106         1140         0.56         121         400         50           28         1158         266         73         1141         0.25         0.36         514         400         50
33         3752         646         75         166         75         165         45.0         37.0           34         1528         264         57         111         34.1         4.50         35.1         111           34         1526         266         57         141         10.0         1.51         4.50         111           34         125         2560         57         141         10.0         1.51         1.11           39         27666         560         141         120         0.36         5.61         111           40         1661         161         1.61         0.26         0.38         5.61         111           40         1661         1661         266         0.55         0.26         0.38         5.61         111           40         1661         1661         161         1.51 <td< td=""><td>33         31782         646         75         166         105         1.7.1         4.50         3           24         1553         2564         59         143         0.05         1.7.1         4.50         3           39         27663         266         59         143         0.05         0.25         5.9.1         11           39         27663         460         57         141         0.25         2.9.6.7         10         1.7.1         5.9.6         11</td><td>33         9732         946         75         154         753         121         450           24         1524         124         121         121         450           34         1524         254         121         131         450           34         1524         256         131         157         171         450           34         1534         157         141         0.25         0.252         2564         450           34         141         157         141         0.87         2532         2564         450           21         3826         460         41         100         157         171         3142         450           21         3826         460         41         100         0.66         0.66         141         101         3142           21         3156         41         102         0.66</td><td>33         6136         646         75         164         0.05         1.11         640           24         1554         264         75         164         0.05         1.26         553           34         1554         264         59         142         0.26         0.36         514           34         1556         564         591         142         0.26         0.36         514           34         100         1157         1167         1167         1171         3142           1         9017         1167         410         11.57         0.36         514           27         464         1167         1167         0.26         0.36         514           27         467         166         11.57         11.71         3142         514           27         467         166         11.67         7.26         2.34         514           28         146         11.67         14.10         11.71         3142         4.24           28         447         14.10         11.27         7.26         2.34         514         4.24           28         146         14.13</td></td<>	33         31782         646         75         166         105         1.7.1         4.50         3           24         1553         2564         59         143         0.05         1.7.1         4.50         3           39         27663         266         59         143         0.05         0.25         5.9.1         11           39         27663         460         57         141         0.25         2.9.6.7         10         1.7.1         5.9.6         11	33         9732         946         75         154         753         121         450           24         1524         124         121         121         450           34         1524         254         121         131         450           34         1524         256         131         157         171         450           34         1534         157         141         0.25         0.252         2564         450           34         141         157         141         0.87         2532         2564         450           21         3826         460         41         100         157         171         3142         450           21         3826         460         41         100         0.66         0.66         141         101         3142           21         3156         41         102         0.66	33         6136         646         75         164         0.05         1.11         640           24         1554         264         75         164         0.05         1.26         553           34         1554         264         59         142         0.26         0.36         514           34         1556         564         591         142         0.26         0.36         514           34         100         1157         1167         1167         1171         3142           1         9017         1167         410         11.57         0.36         514           27         464         1167         1167         0.26         0.36         514           27         467         166         11.57         11.71         3142         514           27         467         166         11.67         7.26         2.34         514           28         146         11.67         14.10         11.71         3142         4.24           28         447         14.10         11.27         7.26         2.34         514         4.24           28         146         14.13
20         15146         1224         666         154         10.1         7.8         5.57         11           34         15568         766         57         141         0.25         5.59         11         11           36         107061         1560         57         141         0.25         0.36         5.61         11           38         107061         1560         57         141         0.25         0.36         5.11         111           39         107061         1560         114         0.26         0.36         5.11         111           11         110         0.27         2.80         136         113         112         111 <t< td=""><td>20         6113         12.4         66         15.4         12.4         61         12.5         5.5.7         11           34         15.68         76         57         141         0.27         0.36         5.5.1         11           38         15.68         566         57         141         0.27         0.36         5.11         111           39         10.967         1660         57         141         0.27         0.36         5.11         111           40         137         10.667         1661         161         157         10.36         5.11         111           21         30.46         57         141         0.27         2.35         2.467         10.4           21         30.46         57         141         0.27         2.36         3.425         4.47           21         30.46         57         141         102         0.46         14.46         14.47         14.56         14.56         14.56         14.56         14.56         14.56         14.56         14.56         14.56         14.56         14.56         14.56         14.56         14.56         14.56         14.56         14.56</td><td>20         1556         122         66         154         122         66         154         107         1.76         5.57         1           34         1556         236         56         57         141         0.27         0.36         611         1           39         1556         57         147         0.27         0.36         611         1           39         107667         1560         57         141         0.27         0.36         611         1           40         1346         140         120         0.76         0.36         30.57         4         4         4         141         0.27         2.245         2.667         4         4         4         4         4         4         4         4         4         4         4         5         2.22         2.246         6         4</td><td>20         1536         1244         66         164         1.0         1.76         5.95         5.95           34         1556         71         141         0.27         1.0         0.36         5.95</td></t<>	20         6113         12.4         66         15.4         12.4         61         12.5         5.5.7         11           34         15.68         76         57         141         0.27         0.36         5.5.1         11           38         15.68         566         57         141         0.27         0.36         5.11         111           39         10.967         1660         57         141         0.27         0.36         5.11         111           40         137         10.667         1661         161         157         10.36         5.11         111           21         30.46         57         141         0.27         2.35         2.467         10.4           21         30.46         57         141         0.27         2.36         3.425         4.47           21         30.46         57         141         102         0.46         14.46         14.47         14.56         14.56         14.56         14.56         14.56         14.56         14.56         14.56         14.56         14.56         14.56         14.56         14.56         14.56         14.56         14.56         14.56	20         1556         122         66         154         122         66         154         107         1.76         5.57         1           34         1556         236         56         57         141         0.27         0.36         611         1           39         1556         57         147         0.27         0.36         611         1           39         107667         1560         57         141         0.27         0.36         611         1           40         1346         140         120         0.76         0.36         30.57         4         4         4         141         0.27         2.245         2.667         4         4         4         4         4         4         4         4         4         4         4         5         2.22         2.246         6         4	20         1536         1244         66         164         1.0         1.76         5.95         5.95           34         1556         71         141         0.27         1.0         0.36         5.95
24         1558         256         551         143         0.26         5,64         14           39         27961         6007         49         150         0.20         0.36         5,14         11           39         27961         6007         49         120         0.27         0.40         61         11           1         9007         1167         40         120         0.27         0.26         0.26         7.13           1         9007         1167         40         120         0.27         0.26         4.0         1           1         9007         1167         44         109         1.17         1.17         31.82         4.0           1         9007         2023         400         11         11         0.27         2.14         31.82         4.0           1         1         120         0.40         12.2         1.14         1.13         5.3         4.2           1         1         120         1.12         1.10         1.12         1.13         5.3         4.2           1         1         120         1.12         1.12         1.12         1.13	2H         1558         26H         155         155         25         141         0.25         0.38         56H         141           39         27961         6007         19         120         0.25         0.36         51H         11           39         27961         6007         16         120         0.25         20607         11           1         9017         1167         120         0.59         0.59         10.26         70	24         1524         256         59         57         141         0.25         0.38         5,14           39         27967         407         164         0.25         0.38         5,14           14         15067         5604         461         157         0.255         25.09         10.02           14         15907         11667         46         103         1127         21263         26.67           14         15907         11667         46         103         1127         21263         26.67           27         15968         467         103         1127         2136         24.67         26.67           27         2446         1586         47         103         73.7         2147         24.67           27         2446         1584         47         103         73.8         24.64         26.67           27         2446         1584         1100         0.77         24.69         24.64         26.66           28         417         0.27         22.17         21.66         24.64         26.66           28         1306         0.77         24.64         26.66         26.7	24         1534         254         1534         254         544         153         0.23         0.38         544           39         27061         460         71         10         0.26         0.38         5.99         10.06           14         10.9617         460         71         10.71         2.7061         461         5.79         10.02         2.08         40.0         10.01         10.01         2.001         10.01         2.001         2.
34         1556         256         57         141         0.20         6.11         111           14         33765         1560         57         141         0.20         6.11         111           14         33765         1560         1661         151         141         0.20         6.11         11	34         15/3         25/4         56/4         57         141         0.20         0.30         6.11         111           38         103/87         56/04         61         123         0.25         0.30         6.11         111           40         133/87         56/04         461         133         153         23.45         24.02         40           40         156         166         157         141         0.27         23.55         24.02         40         133         44         133         44         133         44         132         44.1         133         44.1         133         44.1         133         44.1         133         44.1         133         44.1         133         44.1         133         44.1         133         44.1         133         44.1         133         44.1         133         44.1         133         44.1         14.	34         1558         256         57         141         0.27         0.36         6.11           14         3745         3568         461         461         130         0.36         6.11           14         3745         460         461         134         0.36         30.25         30.25           27         3345         460         411         0.37         0.36         30.25         30.25           27         3345         461         116         117         31.25         32.53         30.67         4           27         32461         461         106         2.73         2.246         30.25         4         4         4         101         4.244         4         4         101         4         4         4         4         101         2.73         2.246         30.25         34.55         4         4         4         4         4         101         2.74         4	34         1556         57         141         0.27         0.36         61           14         307-66         56         57         141         0.27         5.57         10.36           14         307-66         56         57         141         0.27         2.579         10.36           14         307-66         156         461         1161         0.75         2.523         2.46           27         254         461         1161         0.75         2.26         3.45           27         254         461         1161         0.77         2.86         3.45           27         254         461         1161         0.77         2.86         3.45           27         254         471         3.66         0.04         4.9         4.14           27         264         37         32         2.27         2.36         5.44           27         264         37         36         116         0.74         4.06           37         36         37         36         2.72         2.36         5.44           37         36         37         37         36         0.36
39         279611         4607         14         100         4.13         100         4.14         10.05	39         27001         4607         190         130         611         570         10.02         10.02           1         130-60         150         150         157         11.05         30.25         40.0           1         150-60         150         157         17.0         17.0         10.00         30.25         40.0           27         42.460         5254         42         10.5         7.38         7.51         41.31         52.5           27         42.460         5254         42         10.5         7.38         7.51         41.31         52.5           27         42.460         5254         42         10.5         7.38         7.51         41.31         52.5           27         27.17         7.16         7.14         42.66         52.5         51.31         51.5         51.31         51.5         51.31         51.5         51.31         51.5         51.31         51.31         51.31         51.31         51.31         51.31         51.31         51.31         51.31         51.31         51.31         51.31         51.31         51.31         51.31         51.31         51.31         51.31         51.31         51.	39         27661         6227         69         120         481         570         10.02           1         3346         460         461         140         52.05         20.36         30.35           1         3346         460         461         140         52.05         20.35         30.35         4           27         156.04         461         166         7.31         7.17         31.32         4           27         156.04         461         103         7.33         7.51         41.31         5           27         156.04         461         103         7.33         7.51         41.31         5           27         156.04         461         103         103         7.33         7.51         41.31         5           27         13061         1467         27         261         2.33         7.51         41.31         5           27         13061         1463         27         261         2.33         7.51         41.31         5           28         153.06         166         17         17         1.42         4.434         5         4.434         5         5.436	39         27661         4627         4.0         15.0         4.1         5.0         10.2           1         9.001         1.607         1.600         4.0         1.6         2.02.55         2.04.55         2.04.55         2.04.55         2.04.55         2.04.55         2.04.55         2.04.55         2.04.55         2.04.55         2.04.55         2.04.55         2.04.55         2.04.55         2.04.55         2.04.55         2.04.55         2.04.55         2.
38         107867         1560         48         140         62.7         25.2         25.6         26.7         40.           1         3017         1167         44         101         1.57         1.71         31.55         40.           7         36468         1.68         4.2         105         2.57         2.96         34.55         44.           7         36468         1.68         4.2         105         2.57         2.96         34.55         45.5           7         3642         364         4.1         102         0.06         0.71         34.56         45.5           7         3642         364         4.1         102         0.06         0.71         34.56         45.5           7         3647         364         37         1.41         102         0.44         103         53.6         45.5 <td>39         107867         5604         41         100         125         25.55         25.67         40           1         3017         1167         41         103         1.57         1.71         31.82         44           27         24468         168         42         103         7.38         7.51         4.13         31.82         44           27         24468         168         42         103         7.38         2.43         5.3         5.43         5.43         5.43         5.44</td> <td>38         107867         15604         48         120         18.75         22.52         25.67         4           1         3017         1187         44         109         157         1,71         31.25         25.67         4           7         32638         490         44         109         1,57         1,71         31.25         25.67         4           7         42.468         5294         42         105         7.51         31.32         2.46         34.35         5         34.55         3.45<td>33         10/7867         5664         48         100         16.25         22.35         22.35         23.45           1         3017         1187         44         109         1.57         1.71         31.65           27         45688         469         49         100         7.51         1.71         31.65           27         45688         5594         42         105         7.37         2.16         34.55           27         3668         5594         42         102         7.37         7.31         34.55           28         44711         3641         143         102         7.37         7.36         51.63           3         1664         164         37         37         2.67         2.595         51.63           3         1664         164         37         37         2.66         51.63         51.64         42.64           3         1664         164         37         37         2.66         51.64         42.64           3         1664         164         37         37         2.66         51.64         42.64           3         1664         164         37</td></td>	39         107867         5604         41         100         125         25.55         25.67         40           1         3017         1167         41         103         1.57         1.71         31.82         44           27         24468         168         42         103         7.38         7.51         4.13         31.82         44           27         24468         168         42         103         7.38         2.43         5.3         5.43         5.43         5.43         5.44	38         107867         15604         48         120         18.75         22.52         25.67         4           1         3017         1187         44         109         157         1,71         31.25         25.67         4           7         32638         490         44         109         1,57         1,71         31.25         25.67         4           7         42.468         5294         42         105         7.51         31.32         2.46         34.35         5         34.55         3.45 <td>33         10/7867         5664         48         100         16.25         22.35         22.35         23.45           1         3017         1187         44         109         1.57         1.71         31.65           27         45688         469         49         100         7.51         1.71         31.65           27         45688         5594         42         105         7.37         2.16         34.55           27         3668         5594         42         102         7.37         7.31         34.55           28         44711         3641         143         102         7.37         7.36         51.63           3         1664         164         37         37         2.67         2.595         51.63           3         1664         164         37         37         2.66         51.63         51.64         42.64           3         1664         164         37         37         2.66         51.64         42.64           3         1664         164         37         37         2.66         51.64         42.64           3         1664         164         37</td>	33         10/7867         5664         48         100         16.25         22.35         22.35         23.45           1         3017         1187         44         109         1.57         1.71         31.65           27         45688         469         49         100         7.51         1.71         31.65           27         45688         5594         42         105         7.37         2.16         34.55           27         3668         5594         42         102         7.37         7.31         34.55           28         44711         3641         143         102         7.37         7.36         51.63           3         1664         164         37         37         2.67         2.595         51.63           3         1664         164         37         37         2.66         51.63         51.64         42.64           3         1664         164         37         37         2.66         51.64         42.64           3         1664         164         37         37         2.66         51.64         42.64           3         1664         164         37
14         33-55         461         461         134         0.53         0.060         0.025         0.060         0.025         0.016         0.025         0.016         0.025         0.016         0.025         0.016         0.025         0.016         0.025         0.016         0.025         0.016         0.025         0.016         0.026         0.026         0.016         0.026         0.025         0.016         0.026         0.025         0.016         0.026 <td>14         33-55         461         411         134         0.06         0.06         0.06         0.06         0.06         0.05         0.0</td> <td>14         3345         461         461         461         154         0.56         0.56         3.0.55         4           77         196387         1968         1968         1968         156         3.17         3.155         4           77         195384         1968         42         103         5.17         2.17         3.155         4.53           71         3.257         2.89         4.1         100         0.66         0.11         4.13         4.53           71         3.257         2.89         4.1         100         0.66         0.11         4.13         4.53         4.51         4.53         4.51         4.53         4.51         4.51         4.51         4.51         4.51         4.51         4.51         4.51         4.51         4.51         4.51         4.51         4.51         4.51         4.51         4.51         4.51         4.51         5.51<td>1         33-56         661         613         614         0.06</td></td>	14         33-55         461         411         134         0.06         0.06         0.06         0.06         0.06         0.05         0.0	14         3345         461         461         461         154         0.56         0.56         3.0.55         4           77         196387         1968         1968         1968         156         3.17         3.155         4           77         195384         1968         42         103         5.17         2.17         3.155         4.53           71         3.257         2.89         4.1         100         0.66         0.11         4.13         4.53           71         3.257         2.89         4.1         100         0.66         0.11         4.13         4.53         4.51         4.53         4.51         4.53         4.51         4.51         4.51         4.51         4.51         4.51         4.51         4.51         4.51         4.51         4.51         4.51         4.51         4.51         4.51         4.51         4.51         4.51         5.51 <td>1         33-56         661         613         614         0.06</td>	1         33-56         661         613         614         0.06
	1         9607         1167         410         105         117         3132         42           27         22440         5234         42         103         7.38         7.31         31435         53           27         22440         5234         42         103         7.38         7.31         31437         55           27         24405         5234         42         103         7.38         7.31         51         4131           27         14071         14261         143         102         0.04         0.71         7.33         51.31         51         51.31	1         1         38017         1181         44         103         117         3182         43           21         38243         55344         42         103         153         7.51         3182         34           21         3825         481         116         0.04         0.01         4.44         3           22         6034         5534         42         103         7.33         7.51         4.44         4.44           27         46441         564         41         102         0.44         1.44         4.44           27         46441         166         31         52         2.65         54.44         4.44	1         9017         1167         44         109         1.57         1.71         31.32           27         23446         52344         52344         52344         34.33           27         23446         52344         52344         7.31         7.31         4.34           27         23446         52344         52344         7.31         7.31         4.34           27         2446         52344         5234         4.2         103         7.38         7.31         4.34           27         2446         5234         4.2         103         7.38         7.31         4.34           3         1664         1463         37         37         37         57.36         51.43           3         1664         1463         37         37         2.77         7.105         51.43           3         1664         1622         35         37         37         2.77         7.105         51.43           3         1664         1622         35         37         37         2.77         7.105         51.43           3         1664         1624         37         2.77         2.105
40         15608         1660         425         410         277         2.06         34.53         42           21         3242         420         41         101         7.13         7.14	40         15608         1666         42         105         2.77         2.60         345.50         45           21         3630         5234         41         102         7.38         7.38         44.5           10         227         3630         41         102         0.04         0.71         42.60         555           27         3645         5531         41         102         0.04         0.71         42.60         555           23         1064         106         37         227         237         2461         555           3         1066         1460         37         227         237         51.61         54.06         56.06         54.06         56.06         57.66         57.66         57.66         57.66         57.66         57.66         57.66         57.66         57.66         57.66         57.66         57.66         57.76         57.66         57.76         57.66         57.76         57.76         57.76         57.76         57.76         57.76         57.76         57.76         57.76         57.76         57.76         57.76         57.76         57.76         57.76         57.76         57.76         57.76	40         158/28         168         42         158/28         168         42         158/28         168         42         158/28         168         42         158/28         168         42         158/28         158/28         158/28         158/28         158/28         158/28         151         1	40         15628         1864         42         115         2.72         2.66         143           21         3453         3234         42         113         0.03         7.33         413           21         3463         3234         431         1103         0.04         0.74         42.94           21         3463         324         431         1103         0.04         0.74         42.94           23         16564         354         31         102         0.04         0.74         42.94           23         16564         164         37         32         32         32.95         51.91         42.94           31         16564         164         37         32         2.27         2.40         42.94           31         16564         37         32         37         32         2.27         2.10         54.05           31         165         37         32         37         32         2.27         2.06         54.06           31         52         31         32         37         32.66         54.07         57.66         57.66           31         52 <td< td=""></td<>
Z7         6.2460         5294         42         103         7.38         7.51         4.13         5.33           10         2872         281         41         102         0.049         7.13         7.38         7.13         7.38         53.3           12         447113         2841         341         102         0.041         42.60         53.3           27         13061         1463         37         82         1.17         7.132         51.31         22.7           37         13061         1463         37         82         2.27         2.10         54.08         56.1           38         15346         162         0.04         0.73         55.16         64.1         26.0         64.1         26.1         26.1         64.1         27.1         64.0         26.1         64.1         26.0         64.1         27.1         64.0         26.1         64.1         26.1         64.1         26.1         64.1         27.1         27.30         64.1         27.1         27.30         64.1         27.1         27.30         64.1         71.1         77.30         64.1         71.1         77.30         64.1         71.1         77.	277         4.24.49         5.254         4.2         110         7.38         7.51         4.13         5.36           10         2272         288         411         102         0.48         0.41         42.49         55           12         447013         286         411         102         0.48         0.04         0.04         42.44         55           13         13.061         1460         37         56         7.17         7.13         51.44         52.64         50.6           13         13.664         152         37         56         7.77         7.10         54.06         56.06         60.7         57.68         66         57.64	Z7         42446         Z594         42         103         738         7451         4131         5           10         2277         28         41         102         738         741         4131         5           12         2277         28         41         102         738         741         142         4431           12         2277         28         41         102         0.04         0.04         42.04         5           27         46711         2841         34         112         1.42         44.04         5           28         15348         152.0         35         87         27.0         54.08         6           20         4671         266         37         37         27.0         54.08         6           21         15348         152.0         35         87         27.0         54.08         6           21         15348         152.0         35         87         26.0         0.01         64.03         6         6         0.01         64.03         67.08         6         6         6         6         6         6         6         6         6	277         6.2460         5.294         4.2         113         7.38         7.51         4.2460         5.394         4.2         113         7.38         7.51         4.2         4.2           10         2022         281         411         102         0.0.1         4.2         5.51         4.1         4.2           12         46171         366         411         102         0.0.4         0.14         4.2           13         46171         364         141         102         0.0.4         0.14         4.2           13         153641         1663         317         512         2.0         0.26         54.06           141         152.4         317         122         0.0.4         0.14         4.2           15         153641         1663         317         512         2.0         54.06         54.06           16         15364         315         86         0.16         0.14         57.06         54.06           16         2301         327         52.0         0.26         54.06         57.88         57.88         57.88         57.88         57.88         57.88         57.88         57.88
21         3962         461         41         102         0.06         0.71         42.00         53           72         44711         3641         31         102         1.40         1.42         4.46         53           73         44711         3641         31         102         1.40         1.42         4.46         53           73         1656         154         32         27         7.73         7.53         51.48         56           71         53.46         156         37         27.77         7.53         57.66         65.         57.66         65.7	21         3042         441         1103         0.040         0.71         4.2.601         55           71         347         11         10.2         0.040         0.71         4.2.601         55           73         16674         366         11         10.4         1.4.6         44.041         55           73         1664         164         37         37         32         2.77         7.10         54.04         55           73         1664         164         37         37         32         2.77         7.10         54.04         57.30           9         7.77         7.53         57.10         54.04         57.30         54.37         56         57.30         54.37         56         57.30         54.37         57.30         54.37         57.30         54.37         57.30         54.37         57.30         54.37         57.30         54.37         57.30         54.37         57.30         54.37         57.30         54.37         57.30         54.37         57.30         54.37         57.30         54.37         57.30         57.30         57.30         57.30         57.30         57.30         57.30         57.30         57.30 </td <td>21         3942         401         411         1021         0.646         0.71         42.00         6           72         6004         954         11         1022         0.04         0.71         42.00         7           73         13061         1463         17         122         0.04         0.71         42.00         7           73         13061         1463         37         82         0.25         0.236         54.37         5         51.36         5         &lt;</td> <td>21         3822         441         1102         0.644         0.71         4.264           72         44711         3244         31         1102         0.644         0.71         4.244           72         146711         3244         37         327         7.77         7.55         51.83           73         146711         3244         37         2.77         7.55         51.83           73         146711         3244         37         2.77         7.55         51.83           73         14671         1463         37         2.77         7.55         51.83           9         373         37         2.77         7.55         51.83         55.44           9         363         36         66         0.36         6.47         51.83         57.33           9         2700         286         344         66         2.36         0.36         66         57.33           11         2700         286         344         6.47         3.41         67.73         57.33           11         27160         286         276         0.36         6.47         57.30           11         <t< td=""></t<></td>	21         3942         401         411         1021         0.646         0.71         42.00         6           72         6004         954         11         1022         0.04         0.71         42.00         7           73         13061         1463         17         122         0.04         0.71         42.00         7           73         13061         1463         37         82         0.25         0.236         54.37         5         51.36         5         <	21         3822         441         1102         0.644         0.71         4.264           72         44711         3244         31         1102         0.644         0.71         4.244           72         146711         3244         37         327         7.77         7.55         51.83           73         146711         3244         37         2.77         7.55         51.83           73         146711         3244         37         2.77         7.55         51.83           73         14671         1463         37         2.77         7.55         51.83           9         373         37         2.77         7.55         51.83         55.44           9         363         36         66         0.36         6.47         51.83         57.33           9         2700         286         344         66         2.36         0.36         66         57.33           11         2700         286         344         6.47         3.41         67.73         57.33           11         27160         286         276         0.36         6.47         57.30           11 <t< td=""></t<>
10         2237         281         411         112         0.04         0.04         42.64         53.           23         46711         32.84         314         112         0.04         0.04         42.64         53.           37         15061         14.63         317         32.         21.05         51.436         54.43         52.           39         15364         14.63         37         25.2         2.10         54.64         55.           31         55364         14.63         37         25.2         2.10         54.64         55.           39         557         2.67         2.67         2.73         57.36         68         71           30         2.53         317         2.55         2.70         0.73         57.36         68         71           31         32         2.64         34         45         2.26         7.43         7.14 </td <td>10         2237         288         411         102         0.04         0.04         4.0.44         553           23         44711         32641         443         112         0.04         0.04         4.0.44         553           3         71064         1443         37         7.77         7.55         51.31         52.2         51.31         52.6         51.31         52.6         51.31         52.6         51.31         52.6         51.31         52.6         51.31         52.6         51.31         52.6         52.6         51.31         52.6         51.31         52.6         51.31         52.6         51.31         52.6         57.64         57.36         57.64         57.76         57.64         57.76         57.64         57.76         57.64         57.76         57.64         57.76         57.64         57.76         57.64         57.76         57.64         57.76         57.64         57.76         57.64         57.76         57.64         57.76         57.64         57.76         57.64         57.76         57.64         57.76         57.64         57.76         57.64         57.76         57.64         57.76         57.64         57.76         57.76         57.76<!--</td--><td>10         227         281         41         102         0.04         0.04         4.264         2           27         347         366         41         102         0.04         0.04         4.264         5           27         315061         1.661         317         32         227         2.10         5.447         5           37         15564         317         32         227         2.10         5.440         5           3         15564         156         317         32         227         2.10         5.440         5           3         155348         1662         317         32         227         2.10         5.440         5         5.440         5         5.440         5         5.440         5         5.440         5         5.440         5         5.440         5.440         5.440         5.440         5         5.440         5         5.440         5         5.440         5         5.440         5         5.440         5         5.440         5         5.440         5         5.440         5         5.440         5         5.440         5         5.440         5         5.400         5.</td><td>10         227         28         41         102         0.04         4.24           27         6004         960         41         102         0.04         0.04         4.24           27         71061         3546         91         7.77         7.55         51.35         51.46           27         15061         1443         37         32         2.27         7.53         51.46           3         155361         1463         37         32         2.27         7.53         51.36           3         155361         1463         37         32         2.27         2.23         57.06           3         155361         162         35         4.47         7.53         57.06         54.06           3         155361         162         35         4.6         37         2.26         1.46         57.06           3         155         146         37         2.27         2.33         57.06         57.06           4         143         37         2.26         36         0.31         66.05         67.03           5         5         2.26         3.1         2.27         3.41</td></td>	10         2237         288         411         102         0.04         0.04         4.0.44         553           23         44711         32641         443         112         0.04         0.04         4.0.44         553           3         71064         1443         37         7.77         7.55         51.31         52.2         51.31         52.6         51.31         52.6         51.31         52.6         51.31         52.6         51.31         52.6         51.31         52.6         51.31         52.6         52.6         51.31         52.6         51.31         52.6         51.31         52.6         51.31         52.6         57.64         57.36         57.64         57.76         57.64         57.76         57.64         57.76         57.64         57.76         57.64         57.76         57.64         57.76         57.64         57.76         57.64         57.76         57.64         57.76         57.64         57.76         57.64         57.76         57.64         57.76         57.64         57.76         57.64         57.76         57.64         57.76         57.64         57.76         57.64         57.76         57.64         57.76         57.76         57.76 </td <td>10         227         281         41         102         0.04         0.04         4.264         2           27         347         366         41         102         0.04         0.04         4.264         5           27         315061         1.661         317         32         227         2.10         5.447         5           37         15564         317         32         227         2.10         5.440         5           3         15564         156         317         32         227         2.10         5.440         5           3         155348         1662         317         32         227         2.10         5.440         5         5.440         5         5.440         5         5.440         5         5.440         5         5.440         5         5.440         5.440         5.440         5.440         5         5.440         5         5.440         5         5.440         5         5.440         5         5.440         5         5.440         5         5.440         5         5.440         5         5.440         5         5.440         5         5.440         5         5.400         5.</td> <td>10         227         28         41         102         0.04         4.24           27         6004         960         41         102         0.04         0.04         4.24           27         71061         3546         91         7.77         7.55         51.35         51.46           27         15061         1443         37         32         2.27         7.53         51.46           3         155361         1463         37         32         2.27         7.53         51.36           3         155361         1463         37         32         2.27         2.23         57.06           3         155361         162         35         4.47         7.53         57.06         54.06           3         155361         162         35         4.6         37         2.26         1.46         57.06           3         155         146         37         2.27         2.33         57.06         57.06           4         143         37         2.26         36         0.31         66.05         67.03           5         5         2.26         3.1         2.27         3.41</td>	10         227         281         41         102         0.04         0.04         4.264         2           27         347         366         41         102         0.04         0.04         4.264         5           27         315061         1.661         317         32         227         2.10         5.447         5           37         15564         317         32         227         2.10         5.440         5           3         15564         156         317         32         227         2.10         5.440         5           3         155348         1662         317         32         227         2.10         5.440         5         5.440         5         5.440         5         5.440         5         5.440         5         5.440         5         5.440         5.440         5.440         5.440         5         5.440         5         5.440         5         5.440         5         5.440         5         5.440         5         5.440         5         5.440         5         5.440         5         5.440         5         5.440         5         5.440         5         5.400         5.	10         227         28         41         102         0.04         4.24           27         6004         960         41         102         0.04         0.04         4.24           27         71061         3546         91         7.77         7.55         51.35         51.46           27         15061         1443         37         32         2.27         7.53         51.46           3         155361         1463         37         32         2.27         7.53         51.36           3         155361         1463         37         32         2.27         2.23         57.06           3         155361         162         35         4.47         7.53         57.06         54.06           3         155361         162         35         4.6         37         2.26         1.46         57.06           3         155         146         37         2.27         2.33         57.06         57.06           4         143         37         2.26         36         0.31         66.05         67.03           5         5         2.26         3.1         2.27         3.41
12         60034         566         41         142         14.0         14.2         14.2         14.0         14.2         14.2	12         64014         966         41         142         1.44         1.42         44.04         25           3         1366         145         37         12         1.40         1.42         44.04         25           3         1366         1453         37         32         2.87         2.81         54.06         56.05           3         1366         1463         37         32         2.87         2.81         54.06         56.05           3         1366         1463         37         32         2.87         2.81         54.37         57.86         56.47         56.47         56.47         56.47         56.47         56.47         56.47         56.47         56.47         56.47         57.36         56.47         57.46         56.47         57.46         57.46         57.46         57.46         57.46         57.46         57.47         57.46         57.47         57.46         57.47         57.46         57.47         57.46         57.47         57.46         57.47         57.46         57.47         57.46         57.47         57.46         57.47         57.46         57.47         57.46         57.47         57.46         57.47 <t< td=""><td>12         6034         966         41         102         1.40         1.42         44.04         2           3         46711         3841         3841         317         317         31<td>12         6004         960         41         102         1.40         1.42         4.404           3         10641         9661         31         122         1.40         1.42         5.13         5.14           3         10641         9661         31         52         2.72         2.10         5.405         5.44           9         13661         1463         31         52         2.27         2.10         5.406         5.44           9         13634         1622         35         57         2.61         2.36         57.43         5.44         5.74</td></td></t<>	12         6034         966         41         102         1.40         1.42         44.04         2           3         46711         3841         3841         317         317         31 <td>12         6004         960         41         102         1.40         1.42         4.404           3         10641         9661         31         122         1.40         1.42         5.13         5.14           3         10641         9661         31         52         2.72         2.10         5.405         5.44           9         13661         1463         31         52         2.27         2.10         5.406         5.44           9         13634         1622         35         57         2.61         2.36         57.43         5.44         5.74</td>	12         6004         960         41         102         1.40         1.42         4.404           3         10641         9661         31         122         1.40         1.42         5.13         5.14           3         10641         9661         31         52         2.72         2.10         5.405         5.44           9         13661         1463         31         52         2.27         2.10         5.406         5.44           9         13634         1622         35         57         2.61         2.36         57.43         5.44         5.74
23         64711         55.41         39         97         7.77         7.53         51.41         62           1         3         166.4         166         37         82         2.31         65.6         66         66.3         67         87         87         87         65.6         66         65.6         66         65.6         66         65.6         66         65.6         66         65.6         66         65.6         66         65.7         <	23         44711         5241         319         97         1/17         7.53         51.61         51.63         51.64         54.64         56.64         54.64         56.64         54.64         56.64         54.64         56.64         54.64         56.64         54.64         56.64         54.64         56.64         54.64         56.64         57.30         57.64         66.64         77.7         57.64         66.75         77.76         57.64         67.77         57.64         67.77         57.64         67.77         57.64         67.77         57.64         67.77         57.64         67.77         57.64         67.77         57.64         67.77         57.64         67.77         57.64         67.77         57.64         67.77         57.64         67.77         57.64         67.77         57.64         67.77         57.64         67.77         57.64         67.77         57.64         67.77         57.64	23         64711         2641         394         97         177         7.53         51,81         6           3         1656         164         37         82         227         210         54,81         6           19         15546         164         37         82         229         210         54,81         6           19         15546         164         37         82         029         54,16         6           20         4374         544         37         82         024         54,47         6           2         21203         1325         34         85         0.04         0.04         57,44         6           2         2         2         0.05         0.04         0.04         57,44         6         0.04         0.01         20         0.01         20         10         20         10         20         10         20         10         20         10         20         10         20         10         20         10         20         10         20         20         10         20         10         20         10         20         10         20         20	23         64711         5541         39         57         7.77         7.53         5.613           3         76361         1663         37         82         2.27         7.16         54.06           19         4153-66         1663         37         82         2.87         2.16         54.06           19         4153-66         1663         37         82         2.87         2.81         54.06           26         4133-66         1663         37         82         0.28         0.246         57.04           26         2647         544         326         344         65         0.04         0.14         57.13           26         2647         544         326         344         65         0.04         0.14         57.13           27         2647         544         33         82         0.04         0.14         57.13           2647         544         33         82         0.04         0.34         7.34         56.6           21         310         2301         301         230         301         60.16         60.16           21         311         246         331
37         130601         1463         37         32         2.25         2.10         64.08         64           19         15346         1463         37         32         2.27         2.10         64.08         64           20         26334         1622         255         57         2.56         2.33         57.64         67.           30         2603         2633         56         64         64         73.3         61.           32         28134         622         2.61         2.61         57.63         60.           32         2813         266         0.64         0.73         57.63         60.           32         2813         136         64         73         2.61         73.0         60.           34         65         0.04         0.13         61.7         3.1         73.0         60.         73           4         21900         2377         2.60         0.31         64.3         73.1         76.09         64.3         73           10         23001         237         2.66         0.31         64.3         73.1         76.09         73.1         76.09         73.1 <td>37         13061         1453         37         83         2.27         2.10         54.05         63           19         153-80         1622         35         67         2.87         2.87         6         64           20         287.34         1622         355         67         2.67         2.67         2.67         2.61         67.03           20         287.34         1622         355         67         2.67         2.67         2.61         67.03         69         64         7.10         67.04</td> <td>37         133061         14453         37         83         227         2.10         54,436         64           19         15346         1643         37         83         227         2.10         54,436         64           20         15346         1662         36         87         2.67         2.33         57,446         64           20         258         156         54         85         67         2.33         57,446         64           20         258         345         86         0.04         0.73         57,39         57,44         6         64         75,44         6         75,44         6         75,44         6         75,44         75,44         6         75,44         6         75,44         6         75,44         75,4</td> <td>37         13061         1443         37         83         2.27         2.10         54.08           19         15346         1443         37         82         2.27         2.10         54.08           20         15346         1622         35         87         2.67         2.67         2.61         57.08           20         2834         1622         35         86         0.04         0.73         57.08           26         2803         12835         34         85         0.04         0.73         57.08           27         2801         201         208         34         85         0.04         0.73         57.08           281         22000         2011         203         37         82         0.05         0.016         64.05           21         2100         2011         201         201         0.016         64.05           21         2100         217         34         65         0.14         57.07           21         2100         2101         210         211         211         76.07           21         2101         210         211         211         211</td>	37         13061         1453         37         83         2.27         2.10         54.05         63           19         153-80         1622         35         67         2.87         2.87         6         64           20         287.34         1622         355         67         2.67         2.67         2.67         2.61         67.03           20         287.34         1622         355         67         2.67         2.67         2.61         67.03         69         64         7.10         67.04	37         133061         14453         37         83         227         2.10         54,436         64           19         15346         1643         37         83         227         2.10         54,436         64           20         15346         1662         36         87         2.67         2.33         57,446         64           20         258         156         54         85         67         2.33         57,446         64           20         258         345         86         0.04         0.73         57,39         57,44         6         64         75,44         6         75,44         6         75,44         6         75,44         75,44         6         75,44         6         75,44         6         75,44         75,4	37         13061         1443         37         83         2.27         2.10         54.08           19         15346         1443         37         82         2.27         2.10         54.08           20         15346         1622         35         87         2.67         2.67         2.61         57.08           20         2834         1622         35         86         0.04         0.73         57.08           26         2803         12835         34         85         0.04         0.73         57.08           27         2801         201         208         34         85         0.04         0.73         57.08           281         22000         2011         203         37         82         0.05         0.016         64.05           21         2100         2011         201         201         0.016         64.05           21         2100         217         34         65         0.14         57.07           21         2100         2101         210         211         211         76.07           21         2101         210         211         211         211
3         1664         164         37         82         0.26         16.4.37         82         0.26         16.4.37         81           20         4813         962         36         87         0.0         20.3         57.34         61.3           20         4813         962         36         87         0.0         0.03         57.34         61.3           2         2033         203         36         36         0.0         0.04         27.33         60           2         23407         234         84         0.30         0.30         61.3         71.0           2         23407         534         84         0.36         0.30         60.53         70           2         23407         534         84         0.36         0.30         60.53         70           2         3340         234         84         0.36         0.30         60.53         70           2         334         84         0.36         0.30         30.3         70         70.3         70           2         334         84         0.36         0.31         30.3         70         70.3         70.3	3         16/64         16/4         3/7         22         0.26         5/6.37         6/25           20         487.9         505         3/5         2         2         0.28         5/4.37         6/15           20         487.9         505         3/5         3/5         2         2         3/2         5/4.37         6/15           20         487.9         505         3/5         3/5         3/5         3/2         5/4.31         6/15           2         2         2000         229         3/4         6/5         2.0.4         0.010         6/0.35         7/1           2         2         2         2         2         3/4         6/2         7/1         9/1         7/1         9/1         7/1         9/1         7/1         9/1         7/1         9/1         7/1         9/1         7/1         9/1         7/1         9/1         7/1         9/1         7/1         9/1         7/1         9/1         7/1         9/1         7/1         9/1         7/1         9/1         7/1         9/1         7/1         7/1         9/1         7/1         9/1         7/1         9/1         7/1         7/1	3         1564         164         37         82         0.29         0.286         54.37         6           20         4879         505         36         86         66         67         235         2.23         5.243         5           2         3253         250         36         86         66         0.73         57.89         6           3         2500         209         34         85         0.04         0.73         57.89         6           4         2600         203         32.9         34         85         0.04         0.73         57.89         6           11         2300         247         34         85         0.04         0.73         57.89         6         130         60.13         2	3         1664         164         37         82         0.28         0.28         54.47           20         4879         506         35         57         272         273         57.43         57.43           20         4879         506         36         66         0.63         0.73         57.43         57.43           2         2333         2363         3266         36         66         0.65         0.73         57.43           2         2333         238         34         65         2.23         1.90         60.16         67.43           2         23966         230         234         86         2.33         1.90         67.43         57.13         57.130         57.133         57.130         57.13
19         153-46         1622         35         87         2.67         2.57         2.53         57.04         6.           9         2033         203         204         204         203         57.04         60           8         120003         203         204         204         2.04	19         153-46         1622         35         67         2.617         2.33         57.34         6.87         2.617         2.73         57.94         6.81           9         2833         286         34         66         0.060         0.016         57.30         6.91           5         2833         286         34         66         0.040         0.014         57.30         6.01           5         5.467         554         354         86         0.040         0.014         57.30         60           6         5.467         554         354         86         0.046         0.016         57.30         60         77           8         2.3060         574         53         82         0.036         0.076         57.40         87           8         5.477         53.48         54         73         66         77         76.07         87         76           10         2.206         2.140         30.10         32.7         2.56         2.41         7.106         77           21         21.50         21.6         2.7         2.66         2.30         60.13         60.13         7.106	19         153-48         1522         35         67         2.61         2.33         5.74         6           9         2873         5.05         36         67         2.33         5.744         6           2         2873         5.05         34         85         0.04         0.04         5.743         6           2         2         2.83         34         85         0.04         0.04         5.743         6           2         2         2.83         34         85         0.04         0.04         5.713         7           2         5467         544         33         82         0.08         0.01         60.13         7         2         1.290         60.13         7         7         1         7         2         1         3         1         8         0.06         61.13         7         1         1         7         1         1         2         0.08         61.14         7         1         1         1         1         1         2         0.10         0.010         0.013         0         1         1         1         1         1         1         1         2	19         153-46         1622         35         87         2.47         2.37         2.37         57         57         2.57         57
20         4873         205         315         10         617.39         618.         0.15         0.13         0.13         61.33         0.13         0.	20         4873         505         15         66         0.481         0.73         57.89         96           22         23         34         65         0.04         0.74         57.89         96           24         2         2303         13.25         34         65         2.25         1.30         0.10         57.18         96           2         5         2000         229         34         65         2.25         1.30         0.10         1.01         1.01           2         2000         237         33         82         0.36         0.36         60.53         71.06         77.06	20         4873         205         15         61         60.15         0.173         57.383         6           28         123033         12325         34         65         0.05         0.173         57.383         6           5         2007         544         55         2235         1304         57.183         5           6         2007         544         535         34         65         223         1304         57.133           11         23060         2377         548         34         65         223         1304         66.183         2           11         23060         2377         578         84         65         223         71.04         67.13         2         66.163         2           11         23060         2377         230         86.1         2         66.1         2         66.1         2         66.1         6	20         4873         205         315         610         0.445         0.730         57.38           22         23033         13245         344         66         2,234         0.144         57.30           26         5         2000         2324         344         66         2,234         0.144         57.30           21         23040         2377         544         52.84         0.366         0.016         60.43           21         23040         2377         544         52.84         0.366         60.65           21         2113         2114         2114         71.44         71.06         60.65           21         22000         2317         23.8         82         0.36         60.65         71.06           21         211         211         212         75.00         211         75.00         211         71.06           21         22229         2397         311         76         4.73         354         64.1         77.06           21         22229         2397         311         76         4.73         354         64.13         76.06           21         2146         17
9         2533         281         344         855         0.044         0.044         0.043         0.044         0.044         0.044         0.044         0.044         0.044         0.044         0.044         0.044         0.044         0.044	9         2013         2014         6014         6014         67,30         6014           5         2000         2039         344         65         2.034         6013         57,30         601         67,30         601         67,30         601         67,30         601         67,30         601         67,30         601         67,30         601         67,30         601         67,30         601         67,30         71         60         67,10         71         67         71         67         71         67         71         67         71         67         71         67         71         60         71         71         67         71         67         71         67         71         67         71         67         71         67         71         67         71         67         71         67         71         67         71         67         71         67         71         67         71         67         71         71         67         67         67         67         67         67         67         67         67         67         67         67         67         67         67         67         6	9         253         26         34         55         0.04         0.14         57.33         6           32         2000         2033         1223         34         84         223         1300         60.33         7           6         5467         544         33         85         0.04         0.14         57.33         6           7         5467         544         33         85         0.36         0.30         60.33         7           8         2303         2037         344         33         84         0.36         0.30         60.33         7           11         23145         544         33         82         0.36         60.31         7         7         64         7         7         64         7         7         64         7         7         7         64         7         7         64         7         7         64         7         7         64         7         7         64         7         7         64         7         7         64         7         7         7         64         7         7         7         64         7         7         7 <td>9         253         26         34         55         0.04         0.14         57,30           5         2.000         233         34         55         2.22         130         60.14         57,30           6         5         5467         544         33         82         0.36         0.31         60.14</td>	9         253         26         34         55         0.04         0.14         57,30           5         2.000         233         34         55         2.22         130         60.14         57,30           6         5         5467         544         33         82         0.36         0.31         60.14
22         12003         1225         34         65         2.20         1.20         66.18         70           6         5407         544         35         62         0.36         0.36         66.18         71           71         5         5407         544         33         62         0.36         0.36         66.13         71           71         6         5447         544         33         62         0.36         0.36         66.13         71           71         231600         2377         54         33         62         0.36         0.36         66.13         71           71         231600         2377         23.0         541         3.41         54.17         76.09         66.16         73         76.09         66.16         67.19         66.16<	22         1,2903         1,325         34         65         2,23         1,90         60,18         7/1           6         5,467         5,447         5,447         5,447         5,447         5,447         5,447         5,447         5,447         5,447         5,447         5,447         5,447         5,447         5,447         5,447         5,447         5,448         7,716         8,71         7,716         8,71         7,716         8,71         7,716         7,716         8,71         7,716	22         1/2463         1225         34         65         223         1390         60.18         7           6         5467         544         354         65         225         190         60.18         7           7         5467         544         354         65         66         0.30         61.48         7           7         5467         544         33         82         0.36         0.30         61.48         7           7         213960         2377         238         82         417         3.41         65.65         7         7         61.48         7         7         61.48         7         7         61.48         7         7         61.48         7         7         61.48         7         7         61.48         7         7         61.48         7         7         61.48         7         7         61.48         7         7         61.48         7         7         61.48         7         7         61.48         7         7         61.48         7         7         61.48         7         7         61.48         7         7         61.48         7         7         61.48 <td>22         1,2043         1,225         3,44         65         2,25         1,90         60,18           6         5447         544         33         85         2,35         1,90         60,13           71         3126         3377         544         33         82         0,36         0.30         60,13           71         3126         3377         544         33         82         0,36         0.31         66,63           71         32960         2377         544         33         82         0,46         0.31         66,63           22         3390         237         266         4,17         3,41         65,65         76,07           23         82         73         86         67         3,16         76,07         76,09           21         22060         2397         246         31         26         4,17         3,16         76,09           22         22299         2497         718         246         3,17         266         64,13         76,09         76,09           2         2344         3343         34         78         86         377         266         64,13</td>	22         1,2043         1,225         3,44         65         2,25         1,90         60,18           6         5447         544         33         85         2,35         1,90         60,13           71         3126         3377         544         33         82         0,36         0.30         60,13           71         3126         3377         544         33         82         0,36         0.31         66,63           71         32960         2377         544         33         82         0,46         0.31         66,63           22         3390         237         266         4,17         3,41         65,65         76,07           23         82         73         86         67         3,16         76,07         76,09           21         22060         2397         246         31         26         4,17         3,16         76,09           22         22299         2497         718         246         3,17         266         64,13         76,09         76,09           2         2344         3343         34         78         86         377         266         64,13
5         2000         209         34         84         0.36         0.30         6.53         70           11         31100         2010         201         20         6.15         71	5         2000         209         34         644         0.265         0.36         6.053         0.301         6.053         7.10         6.143         7.10           11         21960         2371         33         82         4.17         3.41         65.5         7.10           11         21960         23010         23010         23.0         2.12         7.106         7.106         7.10           26         2.11         3.12         7.106         2.12         7.106<	5         5,000         203         34         6,03         6,03         6,03           21         5,400         2,09         34         84         0,36         6,03         6,03           21         2,3960         2,371         5,47         3,41         6,643         3           21         2,3960         2,371         3,3         82         0,16         0,13         6,043           21         2,3960         2,311         2,3         82         0,17         3,41         66,45         3           25         2,311         2,312         2,301         2,31         7,40         3,15         7,507         6         6,433         7         6,456         3,21         7,507         6         6,433         7         6,456         3,21         7,507         6         6,433         7         6,456         3,21         7,507         6         6,433         7         6,433         6,433         6         6,433         6         6,433         6         6,433         7         6,433         6         6,433         7         6         6,433         7         6         6,433         7         6         6,433         7         6<	5         5,2000         5,209         5,209         5,209         6,0,53         1,0,64         0,36         0,30         6,0,53         1,0,6         0,30         6,0,10         6,0,10         6,0,10         6,0,10         6,0,10         6,0,10         6,0,13         1,0,10         6,0,13         1,0,10         6,0,13         1,0,10         6,0,13         1,0,10         6,0,13         1,0,10         6,0,10 <t< td=""></t<>
6         5447         554         354         354         554         355         55         0.16         61.48         71.           11         3130         3010         30         82         0.56         0.70         61.46         71.           11         3130         3010         32         82         0.54         4.12         75.07         76.<	8         5-467         5-4         3-3         82         0.05         0.71         6-14         7-15           11         21130         2010         234         33         82         0.165         0.71         6-14         7           11         21130         2010         201         20         6.41         4.30         71.06         7           11         21130         2010         20         6.41         4.30         71.06         7           11         21130         2010         20         6.41         4.30         71.06         7           11         21001         1901         311         76         6.69         2.31         75.06         8           10         21001         304         31         76         6.69         2.01         9         7         9         2.66         9         7         9         2.66         8         6         7         9         2.66         8         7         9         9         9         9         9         9         9         9         9         9         9         9         9         9         9         9         9         9	6         5407         544         33         82         0.85         0.70         61.48         3           11         31150         3017         30         82         0.85         0.70         61.48         3           11         31150         3017         30         82         73         3.41         61.43         71.06         7.46           10         23003         2102         30         82         73         4.01         3.15         75.07         6           26         27         8.0         57         70         3.15         75.07         6         7.166         7           2         37.1         1001         3.1         78         2.41         3.35         9.43         6         6.03         6	6         5467         544         546         556
210         233900         2377         23         82         4,17         3,41         66,165         74           10         220001         2377         20         82         4,17         3,41         73,42         76,167         78           10         220001         2192         72         80         6,11         3,15         75,07         82         79         4,01         3,15         75,07         82         79         6,01         3,15         75,07         82         82         73         76,09         80         83         83         83         83         83         83         83         84         91         76         4,77         76,09         80         89         83         84         84         84         84         84         84         84         91 <t< td=""><td>21         2390         2371         33         82         4.11         3.41         65.65         7.06           10         23003         23         82         4.11         3.41         65.65         7.106         7.106           25         53043         210         32         82         4.11         3.41         65.65         7.106         7.106           26         3333         991         32         73         8.6         7.106         88           26         3333         991         32         7.9         4.01         3.15         7.5,06         88           28         34443         3443         346         8.77         3.56         64.13         356         64.13         98         97         94.01         3.26         94.36         94.36         94         94         94.36         &lt;</td><td>210         233960         2377         233         82         417         343         65665         3           10         233960         2377         233         82         841         341         65665         3           11         233960         2377         233         82         74         341         65665         3           25         7304         861         327         324         6565         3         5567         6           26         7500         881         327         26         231         75607         6           28         2804         881         77         26         473         355         64.39         6           28         2702         2897         311         76         473         355         64.39         0         <t< td=""><td>210         2270         2371         233         82         4,17         3,41         65,65           10         23000         2377         23         82         6,41         3,41         65,65           11         23000         2101         23         82         79         6,01         710         70,01           25         23000         2162         22         73         76,07         76,07         76,07           26         27229         2897         311         76         4,73         355         64,13         76,07           27         27229         2897         311         76         4,73         356         64,13         76,09           28         3644         364         364         364         377         264         94,43         94,43         94,43         94,43         94,43         94,43         94,43         94,43         94,43         94,43         94,43         94,43         94,43         94,43         94,43         94,43         94,43         94,44         94,43         94,43         94,43         94,43         94,44         94,44         94,44         94,44         94,44         94,44         94,44</td></t<></td></t<>	21         2390         2371         33         82         4.11         3.41         65.65         7.06           10         23003         23         82         4.11         3.41         65.65         7.106         7.106           25         53043         210         32         82         4.11         3.41         65.65         7.106         7.106           26         3333         991         32         73         8.6         7.106         88           26         3333         991         32         7.9         4.01         3.15         7.5,06         88           28         34443         3443         346         8.77         3.56         64.13         356         64.13         98         97         94.01         3.26         94.36         94.36         94         94         94.36         <	210         233960         2377         233         82         417         343         65665         3           10         233960         2377         233         82         841         341         65665         3           11         233960         2377         233         82         74         341         65665         3           25         7304         861         327         324         6565         3         5567         6           26         7500         881         327         26         231         75607         6           28         2804         881         77         26         473         355         64.39         6           28         2702         2897         311         76         473         355         64.39         0 <t< td=""><td>210         2270         2371         233         82         4,17         3,41         65,65           10         23000         2377         23         82         6,41         3,41         65,65           11         23000         2101         23         82         79         6,01         710         70,01           25         23000         2162         22         73         76,07         76,07         76,07           26         27229         2897         311         76         4,73         355         64,13         76,07           27         27229         2897         311         76         4,73         356         64,13         76,09           28         3644         364         364         364         377         264         94,43         94,43         94,43         94,43         94,43         94,43         94,43         94,43         94,43         94,43         94,43         94,43         94,43         94,43         94,43         94,43         94,43         94,44         94,43         94,43         94,43         94,43         94,44         94,44         94,44         94,44         94,44         94,44         94,44</td></t<>	210         2270         2371         233         82         4,17         3,41         65,65           10         23000         2377         23         82         6,41         3,41         65,65           11         23000         2101         23         82         79         6,01         710         70,01           25         23000         2162         22         73         76,07         76,07         76,07           26         27229         2897         311         76         4,73         355         64,13         76,07           27         27229         2897         311         76         4,73         356         64,13         76,09           28         3644         364         364         364         377         264         94,43         94,43         94,43         94,43         94,43         94,43         94,43         94,43         94,43         94,43         94,43         94,43         94,43         94,43         94,43         94,43         94,43         94,44         94,43         94,43         94,43         94,43         94,44         94,44         94,44         94,44         94,44         94,44         94,44
11         31130         3010         32         30         5.41         4.12         71.06         70           25         9300         219         22         70         6.41         4.12         77.09         73           26         9300         219         27         76         1.42         7.10         93           10         17007         1607         311         76         4.23         75.07         94           26         38440         3647         311         76         6.59         4.30         94.19         94.           21         7.616         216         216         216         216         94.19         94.1 </td <td>11         37150         3010         32         7         2         7         2         7         2         7         2         7         2         7         3         3</td> <td>11         231130         2010         22         80         6.41         4.22         7.106           25         93-16         2192         22         76         401         3.12         7.106           25         93-16         93-1         22         76         401         3.12         7.106           26         363-16         93-1         22         76         1.27         76.09         6           2         27204         2341         32         78         4.20         3.12         7.106         6           2         27204         2341         32         356         643         4.20         9.107         6           3         3         3443         53         356         643         4.20         9.107         6           3         7         2.443         7194         2.73         2.53         96.43         6           4         7         2.443         7194         2.73         2.53         96.43         6           7         2.443         7194         2.73         2.53         96.43         6         7         6.64         7         7         7         7</td> <td>11         31130         3010         32         80         6.41         4.23         71.05           25         \$2303         \$193         32         80         6.41         4.32         75.07           26         \$2303         \$193         32         80         5.41         4.32         75.07           26         \$2303         \$193         37         76         1.27         76.09           28         \$2303         \$2637         314         2.46         7.35         64.33           28         \$24675         \$1795         \$269         \$231         70.06         64.33           28         \$3440         \$343         \$363         \$27         \$6         94.03           7         \$443         \$1765         \$1795         \$269         \$243         \$94.04           7         \$443         \$3642         \$28         \$27         \$66         \$0.00         \$96.03           17         \$243         \$178         \$27         \$269         \$96.13         \$96.13           17         \$285         \$28         \$27         \$26         \$96.13         \$96.13           18         \$303         \$28</td>	11         37150         3010         32         7         2         7         2         7         2         7         2         7         2         7         3         3	11         231130         2010         22         80         6.41         4.22         7.106           25         93-16         2192         22         76         401         3.12         7.106           25         93-16         93-1         22         76         401         3.12         7.106           26         363-16         93-1         22         76         1.27         76.09         6           2         27204         2341         32         78         4.20         3.12         7.106         6           2         27204         2341         32         356         643         4.20         9.107         6           3         3         3443         53         356         643         4.20         9.107         6           3         7         2.443         7194         2.73         2.53         96.43         6           4         7         2.443         7194         2.73         2.53         96.43         6           7         2.443         7194         2.73         2.53         96.43         6         7         6.64         7         7         7         7	11         31130         3010         32         80         6.41         4.23         71.05           25         \$2303         \$193         32         80         6.41         4.32         75.07           26         \$2303         \$193         32         80         5.41         4.32         75.07           26         \$2303         \$193         37         76         1.27         76.09           28         \$2303         \$2637         314         2.46         7.35         64.33           28         \$24675         \$1795         \$269         \$231         70.06         64.33           28         \$3440         \$343         \$363         \$27         \$6         94.03           7         \$443         \$1765         \$1795         \$269         \$243         \$94.04           7         \$443         \$3642         \$28         \$27         \$66         \$0.00         \$96.03           17         \$243         \$178         \$27         \$269         \$96.13         \$96.13           17         \$285         \$28         \$27         \$26         \$96.13         \$96.13           18         \$303         \$28
10         23003         2102         22         73         4.01         3.15         75.07         6.0           16         17001         9.01         21         73         4.0         2.15         75.07         60           16         17001         9.01         31         76         4.01         2.15         75.07         60         61           2         2         272240         2.443         31         76         4.73         359         64.39         60         61         90         61.73         90         91.7         91.8         1.6         91.7         91.8         91.8         91.8         91.8         91.9         91.8         91.8         91.9         91.8         91.9         91.8         91.9         91.8         91.9         91.8         91.9         91.9         91.8         91.9         91.8         91.9 <td< td=""><td>10         22003         2102         32         73         4.01         3.15         75.07         40           16         1703/1         1607         31         76         4.73         355         75.07         40           2         27229         2.847         31         76         4.73         355         64.39         91           2         27229         2.847         31         76         4.73         356         64.39         91           2         27229         2.847         31         76         4.73         356         64.39         91           4         2.1657         1796         28         88         377         2.546         94         9           1         2         21430         1762         27         66         3.77         2.531         74.46         94           1         2         214         1762         27         66         91</td><td>10         23063         2194         22         73         140         2315         756.07         6           16         23043         2184         22         73         140         2115         756.07         6           2         230431         8041         231         78         145         231         7866         6           2         27259         2847         31         76         473         355         84.05         6         24.06         64.03         64.03         64.03         64.03         64.03         64.03         64.03         64.04         64.03         64.04         64.03         64.04         64.03         64.04         64.03         64.03         64.03         64.03         64.03         64.04         64.03         64.04         64.03         64.04         64.03         64.04         64.03         64.04</td><td>10         22003         2114         2201         2114         2201         2114         75.07           16         17031         801         22         76         4.01         3.15         75.07           2         27329         801         32         76         4.01         3.15         75.07           2         27239         801         31         78         2.66         2.31         78.06           8         3         27461         310         31         78         2.66         2.41         70.06           7         21473         343         31         76         6.68         2.03         94.03           7         21461         1795         286         68         3.77         2.36         94.04           7         21461         1705         28         66         0.07         96.04         94.04           1         21461         1705         28         66         0.07         96.04         94.04           1         21461         1705         28         66         0.07         95.05         94.04           1         3001         212         27         23         &lt;</td></td<>	10         22003         2102         32         73         4.01         3.15         75.07         40           16         1703/1         1607         31         76         4.73         355         75.07         40           2         27229         2.847         31         76         4.73         355         64.39         91           2         27229         2.847         31         76         4.73         356         64.39         91           2         27229         2.847         31         76         4.73         356         64.39         91           4         2.1657         1796         28         88         377         2.546         94         9           1         2         21430         1762         27         66         3.77         2.531         74.46         94           1         2         214         1762         27         66         91	10         23063         2194         22         73         140         2315         756.07         6           16         23043         2184         22         73         140         2115         756.07         6           2         230431         8041         231         78         145         231         7866         6           2         27259         2847         31         76         473         355         84.05         6         24.06         64.03         64.03         64.03         64.03         64.03         64.03         64.03         64.04         64.03         64.04         64.03         64.04         64.03         64.04         64.03         64.03         64.03         64.03         64.03         64.04         64.03         64.04         64.03         64.04         64.03         64.04         64.03         64.04	10         22003         2114         2201         2114         2201         2114         75.07           16         17031         801         22         76         4.01         3.15         75.07           2         27329         801         32         76         4.01         3.15         75.07           2         27239         801         31         78         2.66         2.31         78.06           8         3         27461         310         31         78         2.66         2.41         70.06           7         21473         343         31         76         6.68         2.03         94.03           7         21461         1795         286         68         3.77         2.36         94.04           7         21461         1705         28         66         0.07         96.04         94.04           1         21461         1705         28         66         0.07         96.04         94.04           1         21461         1705         28         66         0.07         95.05         94.04           1         3001         212         27         23         <
25         93:10         081         32         78         1.42         7.0.09         83.3           1         2         17207         3607         31         18         2.127         75.05         83.3           2         2         17207         3607         31         16         2.35         64.39         93.3           26         384.46         33.43         23         72.56         6.33         94.40         94.64         96.7           1         4         2.146.15         177.65         6.66         3.77         2.54         94.44         96.7         94.14         96.16         94.14         94.14         96.17         94.14         96	25         93:39         891         X2         78         1.45         1.27         76.09         93           2         2         272.09         2.497         31         76         2.56         54.35         73.46         10           2         2         272.09         2.497         31         76         4.73         356         66.3         4.30         34.6         10         24.6         10.6         10         24.6         10         24.3	25         33.30         891         32         78         145         77,039         601         32         78         145         177         76,039         601         32         78         23         78         23         73         78         23         73         76         77         25         76         76         76         76         76         76         76         76         76         77         25         94         74         21         77         25         94         76         76         77         26         94         77         26         94         77         26         94         77         26         94         73         35         94         73         36         73         25         94         73         26         73         26         73         26         73         26         73         26         73 <td>25         93:39         991         32         76         1.45         1.27         76.09           2         2         22229         2497         31         76         1.43         73.09           2         2         27229         2497         31         76         4.73         359         64.33           2         2         27229         2497         31         76         4.73         359         64.33           4         2         364.00         36.43         26.43         359         64.39         91.07           7         2         17460         1792         28         27         26         94.30         91.07           7         2         4430         36.43         26.66         3.77         2.39         94.30         91.04           7         2         4430         36.6         27.7         64         3.77         2.39         94.30</td>	25         93:39         991         32         76         1.45         1.27         76.09           2         2         22229         2497         31         76         1.43         73.09           2         2         27229         2497         31         76         4.73         359         64.33           2         2         27229         2497         31         76         4.73         359         64.33           4         2         364.00         36.43         26.43         359         64.39         91.07           7         2         17460         1792         28         27         26         94.30         91.07           7         2         4430         36.43         26.66         3.77         2.39         94.30         91.04           7         2         4430         36.6         27.7         64         3.77         2.39         94.30
10         11001         1601         31         78         2.66         2.31         78.65         6.43         36.66         6.43         36.66         6.43         36.66         6.43         36.66         6.43         36.66         6.43         36.66         36.61	10         11001         1601         31         16         236         231         7366         66           26         28440         3040         304         26         231         7346         66           7         21675         1792         66         27         353         553         6139         94           7         21675         1792         26         237         253         944         94           7         21675         1792         26         653         377         250         94         9           15         343         354         26         00         00         0.07         94         9           16         2403         1795         27         66         0.06         0.07         94         9           17         343         377         253         94.80         9<	10         17007         1007         310         216         231         736.6         6           2         21323         2497         313         78         296         231         7466         6           8         21471         3491         78         78         4.73         359         6413         9107         9107           7         24448         3443         3945         58         75         65         94444         9107         9107         9           7         24488         3149         28         76         66         0.77         2540         94444         9107         9	10         1100/1         160/1         31         78         2.96         2.31         78/65           2         2.27229         2.697         31         78         55         64.33           2         2.7223         2.697         31         76         4.73         35.9         64.33           4         2.1675         1795         2.86         37.7         2.94         91.04           7         2.9463         3643         269         2.86         3.77         2.94         94.16           7         2.1463         1795         2.86         2.77         2.84         94.16         94.16           17         2.1463         1762         2.86         3.77         2.83         96.16         94.16           17         2.943         1762         2.86         3.77         2.83         96.16         94.16         94.16           13         3.0615         2.12         2.75         5.7         66         0.04         95.12         96.13           13         3.0616         2.17         2.95         1.11         2.96         0.016         94.10         94.12           13         3.011         2.97
2         27229         2897         31         76         4,73         359         64,39         69           4         26675         1746         27         2         244         96         9107         94           7         24665         1746         26         27         2.53         96,439         96           7         24468         1795         26         60         3.77         2.53         96,439         96           7         24468         1795         26         60         3.77         2.53         96,439         96           8         50         27         56         0.00         0.01         96,04         96           1         26         27         257         253         26,59         36         96           8         3003         286         27         66         0.00         0.01         96,06         96           1         3003         286         27         61         0.06         0.01         96,06         96           1         3003         286         27         257         26,00         96,06         96           1         3003 <td>2         27229         247         31         76         4.73         359         64.39         0           2         2         2         7         2         4         3         7         6         4.73         359         64.39         0&lt;</td> <td>2         277239         2897         31         76         4.73         356         64.39         6           8         24675         334         78         473         356         64.39         6           7         214515         734         734         73         25         94.43         7           7         214516         734         73         25.53         94.64         7           8         377         2.53         24.30         77         2.53         94.64         7           7         2.1438         1762         27         66         2.77         2.53         94.64         7           8         300         2.77         2.53         94.64         7         7         94.64         7           13         3000         2.77         2.53         94.64         7         94.64         7         94.64         7         7         1         7         2.53         94.64         7         7         1         7         1         1         7         2.53         94.64         7         3.55         94.65         7         1         1         1         1         1</td> <td>2         27229 2413         2497 344.0         31 54.0         76 54.13         4.73 556         356 54.13         564 556         564 54.0         564 56.0         566 56.0         566 56.0         566 56.0         566 56.0         566 56.0         566 56.0         566 56.0         566 56.0         566 56.0         <th< td=""></th<></td>	2         27229         247         31         76         4.73         359         64.39         0           2         2         2         7         2         4         3         7         6         4.73         359         64.39         0<	2         277239         2897         31         76         4.73         356         64.39         6           8         24675         334         78         473         356         64.39         6           7         214515         734         734         73         25         94.43         7           7         214516         734         73         25.53         94.64         7           8         377         2.53         24.30         77         2.53         94.64         7           7         2.1438         1762         27         66         2.77         2.53         94.64         7           8         300         2.77         2.53         94.64         7         7         94.64         7           13         3000         2.77         2.53         94.64         7         94.64         7         94.64         7         7         1         7         2.53         94.64         7         7         1         7         1         1         7         2.53         94.64         7         3.55         94.65         7         1         1         1         1         1	2         27229 2413         2497 344.0         31 54.0         76 54.13         4.73 556         356 54.13         564 556         564 54.0         564 56.0         566 56.0         566 56.0         566 56.0         566 56.0         566 56.0         566 56.0         566 56.0         566 56.0         566 56.0 <th< td=""></th<>
28         38448         3343         29         72         6.68         4.80         9.107         0.41           7         4         2.1675         1796         28         3.77         2.53         94.48         96.           7         4         2.14675         1796         28         8.377         2.53         94.48         96.           15         4.39         36         277         9.66         0.05         94.64         96.           15         4.39         36         277         66         0.06         0.05         96.64         99.           16         3003         288         277         66         0.06         0.04         95.27         96.94         99.           17         3003         288         275         66         0.06         0.04         96.66         96.           13         3003         219         11         26         0.35         0.34         96.66         96.           31         861         211         11         26         0.15         0.04         100.0         90.0	28         38446         3043         259         72         6.68         4.80         91.07         94.04         94.07         94.04         94.07         94.04         94.07         94.04	28         38448         3043         25         72         6.58         4.460         9107         9           1         2.14675         1795         55         72         6.58         4.360         9107         9           7         2.14675         1795         27         66         3.77         2.530         94.04         9           7         2.14675         1795         27         66         3.77         2.530         94.04         9           15         4.29         35         2.77         66         0.06         0.105         96.04         16           8         3003         2.86         2.77         66         0.06         0.10         96.04         17           13         3005         2.12         2.13         57         0.55         0.30         96.06         1           31         861         2.11         255         0.30         96.06         1 <t< td=""><td>26         38440         3343         29         72         6.68         4.30         9.107           4         2.9675         1795         28         68         3.37         2.30         9.443           7         2.4675         1795         28         68         3.77         2.53         9444           15         4.09         36         27         66         0.06         0.03         9464           16         4.09         3.65         277         66         0.06         0.03         96164           1         2.96         2.77         66         0.06         0.03         96164           31         2.81         2.87         61         0.06         0.04         9626           31         2.91         11         26         0.15         0.04         96464           31         2.91         11         26         0.15         0.04         0.04         96464</td></t<>	26         38440         3343         29         72         6.68         4.30         9.107           4         2.9675         1795         28         68         3.37         2.30         9.443           7         2.4675         1795         28         68         3.77         2.53         9444           15         4.09         36         27         66         0.06         0.03         9464           16         4.09         3.65         277         66         0.06         0.03         96164           1         2.96         2.77         66         0.06         0.03         96164           31         2.81         2.87         61         0.06         0.04         9626           31         2.91         11         26         0.15         0.04         96464           31         2.91         11         26         0.15         0.04         0.04         96464
4         21675         1795         28         68         3.77         2.84         94.84         96.           7         2.1428         1765         27         66         3.77         2.94         94.84         96.           7         2.1428         1762         2.7         66         3.77         2.53         94.64         96.           8         3.06         2.7         66         0.37         2.53         94.64         94.           8         3.063         2.87         66         0.37         2.53         94.64         94.           13         3.061         2.77         5.7         64         0.05         95.62         96.           21         96         17         0.06         0.41         95.22         94.4         94.8           31         3.01         2.17         17         95.7         0.13         0.26         96.           31         361         2.21         2.11         2.9         0.13         96.46         96.	4         21675         1795         28         68         3.77         2.540         64.64         96           7         2.4438         1782         27         66         3.77         2.530         94.64         96           7         2.4488         1782         27         66         0.77         2.53         96.56         34           8         3.32         2.77         66         0.77         2.53         96.56         34           8         3.305         2.17         66         0.06         0.41         94.26         34           13         3005         2.12         2.3         577         0.53         0.30         99.66         94           31         3005         2.12         2.3         577         0.53         0.31         99.66         94           31         3051         2.3         11         2.6         0.04         100.00         10	4         21675         1196         26         66         3.77         2.50         94.84         6           7         2.428         1162         23         27         260         94.84         9           17         2.428         1162         27         66         0.05         96.96         255         96.96         2           19         3003         288         27         66         0.05         0.05         96.96         2           11         306         27         66         0.05         0.05         96.96         2	4         21675         1795         28         68         377         2.36         94.16           7         2.1423         1765         2.8         68         3.77         2.36         94.16           17         2.1423         1762         2.8         66         0.00         0.03         95.03           8         3003         2.87         66         0.00         0.04         95.03           13         3006         2.12         2.13         5.17         0.00         0.01         95.03           13         3006         2.12         2.3         5.7         0.01         0.04         95.03           13         3006         2.12         2.12         2.3         5.7         0.30         96.03           5.1         0.01         0.01         0.04         0.04         0.04         96.03           5.1         2.3         5.7         0.30         0.04         100.04           5.1         2.3         1.11         2.8         0.16         0.04         100.04
7         21420         1762         27         60         3.73         2.53         96.69         98           15         4439         35         27         66         0.08         0.03         98.04         99           15         4439         35         27         66         0.08         0.03         99.04         99           18         3060         2.81         2.81         67         0.09         0.41         99.29         99           13         3060         2.81         7.51         0.61         0.41         99.29         99           13         3060         2.81         2.81         0.10         0.41         99.29         98           21         2.81         2.81         1.1         2.65         0.16         0.66         0.66         0.66         96.9         98           21         2.81         2.91         1.9         0.16         0.04         106.00         0.05	7         21430         1762         27         60         3.70         2.55         98.50         98           15         343         35         27         66         0.06         0.05         88.64         89           15         30013         212         27         66         0.06         0.01         99.86         84           13         30015         212         273         57         0.55         0.41         99.86         94           31         30015         212         273         57         0.55         0.030         99.86         94           37         851         2.30         11         26         0.15         0.04         99.86         94           37         851         2.30         11         26         0.15         0.04         100.00         10	7         21448         1162         27         66         3.73         2.53         98.66         9           15         429         35         27         66         0.06         0.06         96.66         8           15         305         27         66         0.06         0.06         96.66         8           13         3005         212         23         57         0.06         0.01         96.66         8           13         3005         212         23         57         0.50         0.30         99.66         1           231         661         11         26         11         26         0.15         0.30         99.66         1	7         21430         1762         27         60         2.73         50         2.55         96,50
15         4.09         35         27         66         0.08         0.03         86.64         98.           1         3         30001         288         75         51         0.09         0.41         95.27         96.           1         3         30001         288         75         51         0.09         0.41         95.27         96.         98.           13         30001         212         212         212         212         213         96.6         96.         96.         96.         96.         96.         96.         96.         97.         37.3         36.3         37.4         37.4         37.4         37.4         36.6         96.         96.         96.         96.         96.         96.         96.         96.         96.         96.         96.         96.         96.         96.         96.         96.         96.         96.         96.         97.5         37.5         37.5         37.5         37.5         37.5         37.5         37.5         37.5         37.5         36.5         36.5         36.5         36.5         36.5         36.5         36.5         36.5         36.5         36.5         36.5	15         449         35         27         66         0.06         0.35         81.64         96           1         8         3003         2.12         55         10         0.06         0.30         88.64         98           13         3005         2.12         2.5         57         0.50         0.30         98.62         98           31         3005         2.12         2.5         57         0.50         0.30         98.62         98           31         3005         2.12         2.5         57         0.50         0.30         98.62         98           31         385         2.6         0.15         0.30         99.62         94           32         385         1         2.6         1.1         2.6         0.16         0.00         107         107         105	15         439         35         27         66         0.06         0.05         86.64         6           8         3003         288         75         61         0.06         0.03         96.64         9           13         3005         212         23         57         0.50         0.30         94.64         9           31         881         73         57         0.50         0.30         94.66         1           31         881         23         11         26         0.30         94.66         1           31         881         23         11         26         0.30         94.66         1	15         4.09         35         27         66         0.06         0.03         96.04           8         30803         288         75         61         0.06         0.41         96.25         96.26         96.05
8         3003         288         75         61         0.081         0.41         94.22         94.2           13         3005         212         23         21         11         26         0.04         0.041         94.22         94.2	8         3803         286         23         61         0.060         0.41         29.32         80           13         3005         212         223         57         0.53         0.54         99.66         94           31         881         23         11         26         0.30         99.66         94           31         881         23         11         26         0.31         0.30         99.66         94	8         3003         288         73         61         0.69         0.41         98.22         9           13         3006         212         23         57         0.53         0.30         99.06         6         6         0.41         98.22         9           31         305         212         23         57         0.53         0.30         99.06         6         6         6         0.04         98.06         6         6         6         0.04         99.06         6	8         3063         268         7.5         61         0.66         0.41         96.32           13         3065         212         225         57         0.53         0.04         96.43           11         236         111         236         0.16         0.04         96.46
13         3045         212         23         57         0.53         0.30         99.06         99. </td <td>13         2005         212         223         57         0.53         0.54         0.50         98.66         0.6           31         881         230         11         26         0.15         0.30         98.66         0.6</td> <td>13         3005         212         23         57         0.53         0.30         99-866         6           31         861         29         11         26         0.15         0.30         99-866         6</td> <td>13 2005 212 23 57 0.58 0.30 99.05 31 251 29 11 26 0.15 0.30 99.05 11 26 0.15 0.04 100.00</td>	13         2005         212         223         57         0.53         0.54         0.50         98.66         0.6           31         881         230         11         26         0.15         0.30         98.66         0.6	13         3005         212         23         57         0.53         0.30         99-866         6           31         861         29         11         26         0.15         0.30         99-866         6	13 2005 212 23 57 0.58 0.30 99.05 31 251 29 11 26 0.15 0.30 99.05 11 26 0.15 0.04 100.00
31 851 29 11 28 0.16 0.04 100.00 100	31 851 29 11 26 0.15 0.04 100.00 100	31 881 29 11 28 0.15 0.04 100.00 10	31 851 29 11 28 0.16 0.04 100.00
			11 Billion Landard Landard Landard

Super Profile Target Market Ranking Report: Sexual Offences [Merseyside Command and Control Data: 1992-94] Table 9

Initiyatis based on three full years of Command & Control data: 1992/9304           New Count of Calls to the Police         Note: Annual Second M Control data: 1992/9304           New Count of Calls to the Police         Note: Annual Second M Control data: 1992/9304           Second M Count of Calls to the Police         Note: Annual Second M Control data: 1992/9304           Index Count of Calls to the Police         Note: Annual Second M Control data: 1992/9304           Second M Count of Calls to the Police         Note: Annual Second M Control data: 1992/9304           Second M Count of Calls to the Police         Note: Annual Second M Control data: 1992/9304           Second M Count of Calls to the Police         Note: Annual Second M Control data: 1992/9304           Second M Count of Calls to the Police         Note: Annual Second M Control data: 1992/9304           Second M Count of Calls to the Police         Note: Annual Second M Control data: 1992/9304           Second M Count of Calls to the Police         Note: Annual Second M Control data: 1992/9304           Second M Count of Calls to the Police         Note: Annual Second M Control data: 1992/9304           Second M Count of Calls to the Police         Note: Annual Second M Control data: 1992/9304           Second M Count of Calls to the Police         Note: Annual Second M Control data: 1992/9304           Second M Control data: 1992/9304         Note: Annual Second M Control data: 1992/9304           Second M Cont
None. Count of Calls to the Falloe         None.         Athener fails         None.         Currence         Fails         Standing         Currence         Currence <th< th=""></th<>
Arman         Same Total         Sec Oil         Arman         Same Total         Sec Oil         Arman         Calib         Currents         Curre
F10         244         7796         561         2200         2211         0.06         12.36         0.06         12.36         0.06         12.36         0.06         12.36         0.06         12.36         0.06         12.36         0.06         12.31         0.06         12.31         0.06         12.31         0.06         12.31         0.06         12.31         0.06         12.31         0.06         12.31         0.06         12.31         0.06         0.06         12.31         0.06         0.06         12.31         0.06         0.06         12.31         0.06
ED         300         1664         132         2161         0.13         2.661         0.351         1.21         1.31         1.31           ED         34         4553         544         645         660         0.35         1.31         1.21         1.31         1.31           ED         343         4553         544         645         660         0.35         1.361         1.32         2.14         2.11         <
EUO         22         7240         141         648         600         0.52         314         1.21         1.21         1.01           253         13         9600         263         164         513         2154         2000           253         13         9600         263         143         100         250         500         1101         713         200           253         12         113         126         113         126         113         217         211         217         211         212
E20         34         4053         645         645         646         0.33         1.54         1.54         2011           211         33         17         311         31         313         315         315         315         315         315         315         315         315         315         315         315         315         315         315         315         315         315         315         315         317         315         315         315         315         315         315         315         315         315         315         315         315         315         316         315         315         315         316         315         315         316         315
E20         130         06600         140         524         400         0.64         3.14         2.17         2.17         2.17         2.17         2.17         2.17         2.17         2.17         2.17         2.17         2.17         2.17         2.17         2.17         2.17         2.11         2.17         2.11         2.1
333         17         30006         200         734         101         0.57         6.03         4.03         2000           161         12         10073         200         200         126         136         140         200
131         33         400         500         174         111         0.57         0.00         1110         210         310           400         39         69673         269         126         113         110         210         111         210         210         1110         210         1110         210         1110         2113         212         1110         2113         2114         1110         2113         2113         21141         2114         2114         2
Model         Model <th< td=""></th<>
File         3         0004         470         120         113         55.4           223         3         24         115         5.06         5.01         11.01         37.3           232         32         24006         30         123         114         1.14         5.96         10.01         11.01         37.3           232         314         4737         30         114         1.14         5.96         10.01         11.10         37.3         90.01           105         214         4737         30         114         1.14         5.96         0.01         11.17         37.3         90.01           105         214         116         116         106         30.1         10.17         37.3         90.01           105         214         116         116         106         30.1         37.3         90.01         90.01         10.7         75.4         90.01         90.01         10.7         75.4         90.01         90.01         75.4         75.4         75.4         75.4         75.4         75.4         75.4         75.4         75.4         75.4         75.4         75.4         75.4         75.4
252         2         2000         20         123         113         113         114
38         31         2000         115         116         115         116         115         116         115         116         115         116         117         117         117           116         3         3         3         3         3         3         3         3         3         3
(32)         26         15190         46         106         106         277         0057           (35)         14         7473         123         104         96         0.55         0.53         3.53         6.10           (35)         29         13551         141         109         95         0.55         0.53         5.33         6.10           (36)         273         13551         141         00         37         0.00         37         0.00         37         0.00           (31)         273         13551         141         00         30         7.33         61.00         37         0.00         37         0.00         37         0.00         37         0.00         37         0.00         37         0.00         37         0.00         37         0.00         37         0.00         37         0.00         37         0.00         37         0.00         37         0.00         37         0.00         37         0.00         37         3.23         0.33         3.23         0.33         3.23         0.33         3.24         7         3.44         7         3.44         7         3.44         7         <
C13         14         7373         123         124         7373         124         105         105         0.51         3.325         61.33
156         20         49414         146         101         30         306         346         306         64.33           10         31         32004         84         61         81         2.36         336         64.33           31         32004         84         61         81         2.36         336         64.32           31         1         1         23004         84         81         1.12         30         64.32           31         1         1         22004         84         81         1.12         84         37.55         64.14         7.5           34         1         22004         84         81         1.12         1.26         91.43         7.53         64.14         7.54           34         1         22004         13         86         76         0.17         0.14         7.41           35         4946         1         76         7.4         0.25         64.36         7.61           36         15         15         17         0.25         64.36         7.61         7.61           36         15         15         17         0.25         64
15         2.9         15351         41         06         82         1.10         0.00         37.85         61.25           13         30         4700         116         66         90         7.01         5.90         67.11         5.90           14         27         10019         265         66         70         7.11         5.90         80.24         7.745         67.11           14         27         100190         265         19         0.07         7.54         4.125         67.11         7.54         67.11         7.54         67.11         7.54         67.11         7.54         67.11         7.54         67.11         7.54         67.11         7.54         67.11         7.54         67.11         7.54         67.11         7.54         67.11         7.54         67.11         7.54         7.54         7.76         7.54         7.76         7.54         7.76         7.54         7.76         7.54         7.76         7.54         7.76         7.54         7.76         7.54         7.76         7.54         7.76         7.54         7.76         7.54         7.76         7.54         7.76         7.76         7.76         7.76         <
137         37         32004         164         66         11         2.36         1.32         4.025         67.11           38.         270         106138         266         166         66         10         2.36         4.125         6.12         6.14         7.54           38.         7         1         1         22214         36         60         7.51         7.54         7.54         7.54           A.         1         221214         36         60         70         1.56         5.54         7.54         7.57           A.         1         221214         36         60         70         1.57         5.54         7.76         7.76           A.         1         221214         36         60         70         1.50         1.56         5.54         7.53           A.         1         36         77         7.3         7.76         5.54         7.33         7.33           D.         1         1         7.3         67         7.33         7.33         7.33           D.         1         1         230         0.55         0.56         5.54         6.417         7.33
J.39         400         447306         116         66         70         7.300         2.56         4.3.4.2         6.4.4.3         6.4.4.3         6.4.4.3         6.4.4.3         6.4.4.3         6.4.4.3         6.4.4.3         6.4.4.3         6.4.4.3         6.4.4.3         6.4.4.3         6.4.4.3         6.4.4.3         6.4.4.3         6.4.4.3         6.4.4.3         6.4.4.3         6.4.4.3         6.4.4.3         7.4.4.4         7.4.4
13         7         100736         263         66         70         7.31         5.90         50.74         7.54           A6         6         12214         31         66         70         7.31         5.90         50.74         7.54           A6         6         12214         31         66         70         0.67         0.67         0.67         0.67         7.54         7.62           306         21         7303         19         00         7         0.75         0.76         5.341         7.76           317         54         70         0.76         0.76         0.67         0.66         5.341         7.76           317         10         70         10         73         0.76         0.76         5.347         7.76           317         10         70         10         73         0.76         0.76         7.76         7.76           317         11         723         11         22         73         11.76         7.76         9.74         9.74         9.74         9.74           316         71         11         72.30         11.76         9.74         12.77         9.
A         1         228263         56         76         1.65         1.28         5.24         7.67           200         21         7.900         19         60         74         0.57         0.46         5.34         7.746           201         3         3.660         19         60         74         0.57         0.46         5.341         7.766           211         3         3.660         10         77         17         0.25         5.456         7.305           211         3         3.660         10         77         0.25         5.456         7.305           211         3         3.660         77         0.25         5.456         7.305           211         3.660         7.70         0.26         0.77         0.26         5.34         7.76           211         11         7.206         170         0.26         0.71         0.46         7.32         7.33           211         11         7.206         100         27         2.37         0.31         7.46         0.33         7.146         0.34         0.47         7.33         7.33         7.34         0.34         0.36         0
Ab         B         12214         31         86         74         0.55         0.3.4         71.45           B1         21         21214         31         86         76         0.87         0.66         53.3.4         77.45           B1         5         3940         9         76         70         0.56         53.61         73.63           B1         5         4663         10         7.7         64         74.3         74.3           B1         5         4663         10         7.7         64         74.3         74.3           B1         5         4663         10         7.7         65         66         73.6         74.3         74.3           B1         11         7.230         10         7.7         67.9         74.4         24.6         74.7         66.7         74.3         64.7         74.3         64.7         74.3         64.4         74.37         66.7         74.3         64.4         74.37         66.7         74.37         66.7         74.37         66.7         74.37         66.7         74.37         66.3         74.37         66.3         74.37         66.3         74.37         66.3
300         21         7000         19         30         71         50         70         51         71         50         76
Fire         3         3496         10         77         0.0         0.36         0.205         54.46         73.05           10         15         9471         2         70         0.36         0.205         54.46         73.05           10         15         9477         2         70         0.36         0.205         54.46         73.05           10         16         2466         7.3         17         0.7         0.04         64.46         73.05           10         11         2516         1.14         64.46         73.05         10.6         0.07         0.04         64.46         73.05         73.05           11         17         2516         1.12         2.205         69.5         37.05         73.05         74.77         66.36 </td
Dist         3 4000         10         77         0.07         0.07         0.06         6.4.42         7.8.2           Dist         21         0.06         61         7.3         0.07         0.05         6.4.42         7.8.3           Dist         21         0.06         61         7.3         0.07         0.05         6.4.42         7.8.3           CO         11         7.200         173         61         7.39         4.74         62.66         8.3.4.6           CO         30360         7.39         61         2.73         2.73         64.74         2.66         8.3.4.6         7.8.3         8.3.4.6         7.8.3         8.4.7         8.4.6         7.8.3         8.4.7
Corr         13         00073         21         70         17.4         0.6.46         73.31           100         39990         7%         06         01         2.66         1.74         0.6.46         73.31           100         39990         7%         06         01         2.66         1.74         0.6.46         73.31           101         72006         1.75         06         01         2.66         1.74         0.6.46         73.31           101         72006         1.75         06         51         2.66         7.47         0.6.46         73.31           102         11         72006         1.75         06         51         2.26         67         73.32         67         67         73.33         87         00         1.75         00.34         87         87         87         87         00.34         87         87         00.34         87         87         00.34         87         87         00.34         87         87         00.34         87         87         97         97         97         97         97         97         97         97         97         97         97         97
No.         1         2         3
All         Section         1/2         60         51         2.3         6.4         6.4           CM         11         7.200         1/3         90         91         2.3         2.3         6.4         64         60         64         60         64         60         64         66         64         64         64         64         64         64         64         64         64
CM         11         72305         130         91         92         93 <th< td=""></th<>
201         21         23 <th23< th="">         23         23         23&lt;</th23<>
17.2         13.2         13.2         13.4         14.4 <th< td=""></th<>
Diff         7         54607         75         546         75         546         75         546         75         546         75         546         75         546         75         546         75         546         75         546         75         546         75         546         75         546         75         547         77
Elit         x         3000         x </td
Total         20         97056         15         40         40         636         211         81.44         83.24
All         2         000756         125         43         40         6.50         2.78         07.97         97.97           D2         8         11276         12         35         33         0.61         0.23         0.373         97.37           D2         8         11276         12         35         33         0.61         0.23         0.38         0.93           B7         4         40733         51         34         35         35         0.61         0.23         33.88         0.61         0.28         99.38         0.93           B7         4         40733         51         34         35         35         0.61         0.28         99.38         0.93         0.93         0.93         0.93         0.93         0.93         0.93         0.93         0.93         0.93         0.01
A         Z         B         11276         E         A         B         11276         E         A         B         11276         E         A         B         11276         D <thd< th=""> <thd< th=""> <thd< th=""></thd<></thd<></thd<>
UZ         8         17.17         51         235         361         10.26         92.36         92.36         92.36         92.36         92.36         92.36         92.36         92.36         92.36         92.36         92.36         92.36         92.36         92.36         92.36         92.36         92.36         92.36         92.36         93.36         92.36         93.36         92.36         93.36         93.36         93.36         93.36         93.36         93.36         93.36         93.36         93.36         93.36         93.36         93.36         93.36         93.36         93.36         93.00         93.36         100.00         93.36         100.00         <
N         4         2073 200         51         30         32         346         1.12         07.24         00.33           D6         11         20671         27         30         32         346         1.13         07.24         00.33           D6         11         20601         27         30         32         346         0.04         93.36         93.36         93.36         93.36         93.36         93.36         93.36         93.36         93.36         100
No         11         20801         27         30         28         2.12         0.00         95.36         93.36
UB         13         6005         2         10         10         0.46         0.04         99.82         100.00           13         10         542         0         0         0         0.46         0.04         99.82         100.00           15         10         542         0         0         0         0.06         99.85         100.00           15         10         0         0         0         0         115         0.00         100.00 <td< td=""></td<>
19         10         542         0         0         0         0.04         0.05         99.85         100.00           IS         31         2008         0         0         0         0.15         0.00         100.00
135 31 2009 0 0 0 0.15 0.00 10
Totatis 1396700 4537
rooms room and room and room







Rates plotted for GMCFS Wards for 1996



#### Appendix 1 Ward Names by District for the Area Served by GMCFS

#### Ward Names by District for the Area Served by GMCFS

War	ds in Bolton
1	Astley Bridge
2	Blackrod
3	Bradshaw
4	Breightmet
5	Bromley Cross
6	Burnden
7	Central
8	Daubhill
9	Deane-Cum-Heaton
10	Derby
11	Farnworth
12	Halliwell
13	Harper Green
14	Horwich
15	Hulton Park
16	Kearsley
17	Little Lever
18	Smithills
19	Tonge
20	Westhoughton

War	ds in Bury
21	Besses
22	Church
23	East
24	Elton
25	Holyrood
26	Moorside
27	Pilkington Park
28	Radcliffe Central
29	Radcliffe North
30	Radcliffe South
31	Ramsbottom
32	Redvales
33	St.Mary's
34	Sedgley
35	Tottington
36	Unsworth

War	ds in Manchester
37	Ardwick
38	Baguley
39	Barlow Moor
40	Benchill
41	Beswick and Clayton
42	Blackley
43	Bradford
44	Brooklands
45	Burnage
46	Central
47	Charlestown
48	Cheetham
49	Chorlton
50	Crumpsall
51	Didsbury
52	Fallowfield
53	Gorton North
54	Gorton South
55	Harpurhey
56	Hulme
57	Levenshulme
58	Lightbowne
59	Longsight
60	Moss Side
61	Moston
62	Newton Heath
63	Northenden
64	Old Moat
65	Rusholme
00	Sharston
6/	whattey Range
68	witnington
69	wooqnouse Park

70	Alexandra
71	Chadderton Central
72	Chadderton North
73	Chadderton South
74	Coldhurst
75	Crompton
76	Failsworth East
77	Failsworth West
78	Hollinwood
79	Lees
80	Royton North
81	Royton South
82	Saddleworth East
83	Saddleworth West
84	St.James
85	St.Marys
86	St.Pauls
87	Shaw
88	Waterhead
89	Werneth

Wards in Oldham

#### Wards in Rochdale

 Wards in Kochdale

 90
 Balderstone

 91
 Brinrod and Deeplish

 92
 Castleton

 93
 Central and Falinge

 94
 Healey

 95
 Heywood North

 96
 Hitleborough

 97
 Heywood West

 98
 Littleborough

 99
 Middleton Cartal

 100
 Middleton North

 102
 Middleton North

 103
 Middleton West

 104
 Milnrow

 105
 Newbold

 106
 Norden and Bamford

 107
 Spotland

 108
 Kyotade

.

Wards in Salford W	Wards in Stockport	Wards in Tameside	Wards in Trafford	Wards in Wigan
110       Barton       1         111       Blackfriars       1         112       Broughton       1         113       Cadishead       1         114       Claremont       1         115       Eccles       1         116       Irlam       1         117       Kersal       1         118       Langworthy       1         119       Little Hulton       1         120       Ordsall       1         121       Pendlebury       1         122       Pendleton       1         123       Swinton North       1         124       Swinton North       1         125       Walkden South       1         126       Walkden South       1         127       Weaste and Seedley       1         128       Winton       1         129       Worsley & Boothstown       1	<ul> <li>Bredbury</li> <li>Brendbury</li> <li>Brinnington</li> <li>Cale Green</li> <li>Cale Green</li> <li>Cheadle Hulme North</li> <li>Cheadle Hulme North</li> <li>Cheadle Hulme North</li> <li>Davenport</li> <li>Teast Bramhall</li> <li>Edgeley</li> <li>Great Moor</li> <li>Heald Green</li> <li>Heald Green</li> <li>Heaton Mersey</li> <li>Hast Beaton Moor</li> <li>Hast Manor</li> <li>North Marpie</li> <li>North Marpie</li> <li>South Marpie</li> <li>South Marpie</li> <li>South Marpie</li> <li>South Marpie</li> <li>West Bramhall</li> </ul>	<ul> <li>151 Ashton Hurst</li> <li>152 Ashton St. Michael's</li> <li>153 Ashton St. Peters'</li> <li>154 Ashton Waterloo</li> <li>155 Audenshaw</li> <li>156 Denton North East</li> <li>157 Denton South</li> <li>158 Denton West</li> <li>159 Droylsden East</li> <li>160 Droylsden West</li> <li>161 Dukinfield</li> <li>162 Dukinfield Stalybridge</li> <li>163 Hyde Godley</li> <li>164 Hyde Newton</li> <li>165 Hyde Werneth</li> <li>166 Longdendale</li> <li>167 Mossley</li> <li>168 Stalybridge South</li> <li>169 Stalybridge South</li> </ul>	<ul> <li>Altrincham</li> <li>171 Bowdon</li> <li>172 Broadheath</li> <li>173 Broadheath</li> <li>174 Bucklow</li> <li>175 Clifford</li> <li>176 Davyhulme East</li> <li>177 Davyhulme West</li> <li>178 Flixton</li> <li>179 Hale</li> <li>180 Longford</li> <li>181 Mersey St.Mary's</li> <li>182 Park</li> <li>183 Priory</li> <li>184 St.Martin's</li> <li>185 Sale Moor</li> <li>186 Stretford</li> <li>187 Talbot</li> <li>188 Urmston</li> <li>190 Village</li> </ul>	191       Abram         192       Ashton-Golborne         193       Aspull-Standish         194       Aherton         195       Bedford-Astley         196       Beech Hill         197       Bryn         198       Hindley         199       Hindley Green         200       Hindsford         201       Hope Carr         202       Loc         203       Langtree         204       Leigh Central         205       Leigh East         206       Norley         209       Orrell         210       Swinley         211       Tyldesley East         212       Whelley         213       Winstanley

## A. AFFLUENT ACHIEVERS

- A01 Very High Income Professionals in Exclusive Areas
- A04 Mature Families with Large Detached Properties in 'Stockbroker Belts'
- A06 Mature Families in Select Suburban Properties

# **B.** THRIVING GREYS

- B05 Highly Qualified Professionals in Mixed Housing
- B07 Affluent Ageing Couples, Many in Purchased Property
- **B12** Older Professionals in Retirement Areas
- B17 Comfortably Well-Off Older Owner Occupiers
- B18 Affluent Ageing Couples in Rural Areas

## C. SETTLED SUBURBANS

- C11 White Collar Families in Owner Occupied Suburban Semis
- C14 Mature White Collar Couples Established in Suburban Semis
- C16 White Collar Couples in Mixed Suburban Housing

## D. NEST BUILDERS

- D02 Mortgaged Commuting Professionals, with Children, in Detached Properties
- D08 Double Income Young Families in Select Properties
- D09 Military Families
- D13 Young White Collar Families in Small Semis and Terraces
- D15 Young White Collar Families in Smaller Semis
- D27 Young Blue and White Collar Families in Semis and Terraces
- D28 Young Families in Terraces Many Council

## E. URBAN VENTURERS

- E03 High Income Young Professionals, Many Renting (mainly Greater London)
- E10 Young White Collar Families in Multi-Racial Areas (mainly Greater London)
- E20 Young Professionals Buying Property
- E21 Young Families Buying Basic Terraces in Multi-Racial Areas
- E29 Young Families Renting Basic Accommodation in Multi-Racial Areas
- E30 Young White Collar Singles Sharing City Centre Accommodation

#### F. COUNTRY LIFE

- F19 Prosperous Farming Communities
- F25 Smallholders and Rural Workers, Mainly in Scotland

## G. SENIOR CITIZENS

- G22 Retired White Collar Workers in Owner Occupied Flats
- G23 Older Residents and Young Transient Singles, Many in Seaside Towns
- G26 Old and Young Buying Terraces and Flats
- G32 Retired Blue Collar Workers in Council Flats, Mainly in Scotland

#### H. PRODUCERS

- H24 Older White Collar Owner Occupiers in Semis
- H33 Older Workers Established in Semis and Terraces
- H36 Older and Retired Blue Collar Workers in Small Council Properties

# I. HARD-PRESSED FAMILIES

- **I34** Blue Collar Families in Council Properties
- 135 Young Blue Collar Families in Council Terraces
- I37 Manufacturing Workers in Terraced Housing

#### J. 'HAVE NOTS'

- J31 Families in Council Flats in Multi-Racial Areas. High Unemployment
- J38 Blue Collar Young Families in Council Properties. High Unemployment
- J39 Young Families, Many Single Parent. High Unemployment
- J40 Young Singles and Pensioners in Council Flats. High Unemployment