

Business Demography and High Growth Enterprises Variables and Derived Indicators

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Variables

| Code | Label |
|--------|--|
| 11910 | Population of active enterprises in t |
| 11920 | Number of births of enterprises in t |
| 11930 | Number of deaths of enterprises in t |
| 11941 | Number of enterprises newly born in t-1 having survived to t |
| 11942 | Number of enterprises newly born in t-2 having survived to t |
| 11943 | Number of enterprises newly born in t-3 having survived to t |
| 11944 | Number of enterprises newly born in t-4 having survived to t |
| 11945 | Number of enterprises newly born in t-5 having survived to t |
| 11950 | Number of high growth enterprises measured in employment (growth by 20% or more) |
| 11951 | Number of high growth enterprises measured in turnover (growth by 10 (20%) or more) |
| 11952 | Number of gazelles measured in employment (growth by 10 (20%) or more) |
| 11953 | Number of gazelles measured in turnover (growth by 10 (20%) or more) |
| 11955 | Number of medium growth enterprises measured in employment (growth between 10 and 20%) |
| 11956 | Number of medium growth enterprises measured in turnover (growth between 10 and 20%) |
| 11957 | Number of young medium-growth enterprises measured in employment (growth between 10 and 20%) |
| 11958 | Number of young medium-growth enterprises measured in turnover (growth between 10 and 20%) |
| 11 960 | Number of high growth enterprises measured in employment in t (growth by 10% or more) |
| 16 961 | Number of employees in the population of high growth enterprises measured in employment in t (growth by 10% or more) |
| 16910 | Number of persons employed in the population of active enterprises in t |
| 16911 | Number of employees in the population of active enterprises in t |
| 16920 | Number of persons employed in the population of births in t |
| 16921 | Number of employees in the population of births in t |
| 16930 | Number of persons employed in the population of deaths in t |

| Code | Label |
|-------------|---|
| 16931 | Number of employees in the population of deaths in t |
| 16941 | Number of persons employed in the population of enterprises newly born in t-1 having survived to t |
| 16942 | Number of persons employed in the population of enterprises newly born in t-2 having survived to t |
| 16943 | Number of persons employed in the population of enterprises newly born in t-3 having survived to t |
| 16944 | Number of persons employed in the population of enterprises newly born in t-4 having survived to t |
| 16945 | Number of persons employed in the population of enterprises newly born in t-5 having survived to t |
| 16951 | Number of persons employed in the year of birth in the population of enterprises newly born in t-1 having survived to t |
| 16952 | Number of persons employed in the year of birth in the population of enterprises newly born in t-2 having survived to t |
| 16953 | Number of persons employed in the year of birth in the population of enterprises newly born in t-3 having survived to t |
| 16954 | Number of persons employed in the year of birth in the population of enterprises newly born in t-4 having survived to t |
| 16955 | Number of persons employed in the year of birth in the population of enterprises newly born in t-5 having survived to t |

Note: non-shaded variables are collected on a voluntary basis

Derived Indicators

| Code | Label | Unit | Calculation |
|-------|---|------------|--|
| 97010 | Net business population growth | Percentage | $11910(t) / 11910(t-1) * 100 - 100$ |
| 97015 | Business churn: birth rate + death rate | Percentage | $[11920(t) + 11930(t)] / 11910(t) * 100$ |
| 97020 | Birth rate: number of enterprise births in the reference period (t) divided by the number of enterprises active in t | Percentage | $11920(t) / 11910(t) * 100$ |
| 97021 | Proportion of enterprise births in the reference period (t) by size class | Percentage | $[11920(t) \text{ by employee size class}] / [11920(t) \text{ Total}] * 100$ |
| 97030 | Death rate: number of enterprise deaths in the reference period (t) divided by the number of enterprises active in t | Percentage | $11930(t) / 11910(t) * 100$ |
| 97031 | Proportion of enterprise deaths in the reference period (t) by size class | Percentage | $[11930(t) \text{ by employee size class}] / [11930(t) \text{ Total}] * 100$ |
| 97041 | Survival rate 1: number of enterprises in the reference period (t) newly born in t-1 having survived to t divided by the number of enterprise births in t-1 | Percentage | $11941(t) / 11920(t-1) * 100$ |
| 97042 | Survival rate 2: number of enterprises in the reference period (t) newly born in t-2 having survived to t divided by the number of enterprise births in t-2 | Percentage | $11942(t) / 11920(t-2) * 100$ |
| 97043 | Survival rate 3: number of enterprises in the reference period (t) newly born in t-3 having survived to t divided by the number of enterprise births in t-3 | Percentage | $11943(t) / 11920(t-3) * 100$ |
| 97044 | Survival rate 4: number of enterprises in the reference period (t) newly born in t-4 having survived to t divided by the number of enterprise births in t-4 | Percentage | $11944(t) / 11920(t-4) * 100$ |
| 97045 | Survival rate 5: number of enterprises in the reference period (t) newly born in t-5 having survived to t divided by the number of enterprise births in t-5 | Percentage | $11945(t) / 11920(t-5) * 100$ |
| 97051 | 1 year old enterprises' share of the business population | Percentage | $11941(t) / 11910(t) * 100$ |
| 97052 | 2 year old enterprises' share of the business population | Percentage | $11942(t) / 11910(t) * 100$ |
| 97053 | 3 year old enterprises' share of the business population | Percentage | $11943(t) / 11910(t) * 100$ |
| 97054 | 4 year old enterprises' share of the business population | Percentage | $11944(t) / 11910(t) * 100$ |
| 97055 | 5 year old enterprises' share of the business population | Percentage | $11945(t) / 11910(t) * 100$ |
| 97120 | Employment share of enterprise births: number of persons employed in the reference period (t) among enterprises newly born in t divided by the number of persons employed in t among the stock of enterprises active in t | Percentage | $16920(t) / 16910(t) * 100$ |
| 97121 | Average size of newly born enterprises: number of persons employed in the reference period (t) among enterprises newly born in t divided by the number of enterprises newly born in t | Number | $16920(t) / 11920(t)$ |

| Code | Label | Unit | Calculation |
|-------|--|------------|-------------------------------------|
| 97122 | New enterprise paid employment rate: number of employees in the reference period (t) among enterprises newly born in t divided by the number of persons employed in t among enterprises newly born in t | Percentage | $16921 (t) / 16920 (t) * 100$ |
| 97130 | Employment share of enterprise deaths: number of persons employed in the reference period (t) among enterprise deaths divided by the number of persons employed in t among the stock of active enterprises in t | Percentage | $16930 (t) / 16910 (t) * 100$ |
| 97131 | Average employment in enterprise deaths: number of persons employed in the reference period (t) among enterprise deaths in t divided by the number of enterprise deaths in t | Number | $16930 (t) / 11930 (t)$ |
| 97141 | One-year old enterprises employment growth rate: number of persons employed in the reference period (t) among enterprises newly born in t-1 having survived to t divided by the number of persons employed in t-1 by the same enterprises, expressed as a percentage growth rate | Percentage | $16941 (t) / 16951 (t) * 100 - 100$ |
| 97142 | Two-year old enterprises employment growth rate: number of persons employed in the reference period (t) among enterprises newly born in t-2 having survived to t divided by the number of persons employed in t-2 by the same enterprises, expressed as a percentage growth rate | Percentage | $16942 (t) / 16952 (t) * 100 - 100$ |
| 97143 | Three-year old enterprises employment growth rate: number of persons employed in the reference period (t) among enterprises newly born in t-3 having survived to t divided by the number of persons employed in t-3 by the same enterprises, expressed as a percentage growth rate | Percentage | $16943 (t) / 16953 (t) * 100 - 100$ |
| 97144 | Four-year old enterprises employment growth rate: number of persons employed in the reference period (t) among enterprises newly born in t-4 having survived to t divided by the number of persons employed in t-4 by the same enterprises, expressed as a percentage growth rate | Percentage | $16944 (t) / 16954 (t) * 100 - 100$ |
| 97145 | Five-year old enterprises employment growth rate: number of persons employed in the reference period (t) among enterprises newly born in t-5 having survived to t divided by the number of persons employed in t-5 by the same enterprises, expressed as a percentage growth rate | Percentage | $16945 (t) / 16955 (t) * 100 - 100$ |
| 97151 | Employment share of 1 year old enterprises | Percentage | $16941 (t) / 16910 (t) * 100$ |
| 97152 | Employment share of 2 year old enterprises | Percentage | $16942 (t) / 16910 (t) * 100$ |
| 97153 | Employment share of 3 year old enterprises | Percentage | $16943 (t) / 16910 (t) * 100$ |
| 97154 | Employment share of 4 year old enterprises | Percentage | $16944 (t) / 16910 (t) * 100$ |
| 97155 | Employment share of 5 year old enterprises | Percentage | $16945 (t) / 16910 (t) * 100$ |
| 97161 | Average size of one-year old enterprises: number of persons employed in the reference period (t) among enterprises newly born in t-1 having survived to t divided by the number of enterprises in t newly born in t-1 having survived to t | Number | $16941 (t) / 11941 (t)$ |

| Code | Label | Unit | Calculation |
|-------|--|------------|-------------------------|
| 97162 | Average size of two-year old enterprises: number of persons employed in the reference period (t) among enterprises newly born in t-2 having survived to t divided by the number of enterprises in t newly born in t-2 having survived to t | Number | 16942 (t) / 11942 (t) |
| 97163 | Average size of three-year old enterprises: number of persons employed in the reference period (t) among enterprises newly born in t-3 having survived to t divided by the number of enterprises in t newly born in t-3 having survived to t | Number | 16943 (t) / 11943 (t) |
| 97164 | Average size of four-year old enterprises: number of persons employed in the reference period (t) among enterprises newly born in t-4 having survived to t divided by the number of enterprises in t newly born in t-4 having survived to t | Number | 16944 (t) / 11944 (t) |
| 97165 | Average size of five-year old enterprises: number of persons employed in the reference period (t) among enterprises newly born in t-5 having survived to t divided by the number of enterprises in t newly born in t-5 having survived to t | Number | 16945 (t) / 11945 (t) |
| 97241 | Number of enterprises newly born in the year (n) having survived to n+1 | Number | 11941(n+1) |
| 97242 | Number of enterprises newly born in the year (n) having survived to n+2 | Number | 11942(n+2) |
| 97243 | Number of enterprises newly born in the year (n) having survived to n+3 | Number | 11943(n+3) |
| 97244 | Number of enterprises newly born in the year (n) having survived to n+4 | Number | 11944(n+4) |
| 97245 | Number of enterprises newly born in the year (n) having survived to n+5 | Number | 11945(n+5) |
| 97251 | Cohort survival rate 1: number of newly born enterprises in the year (n) having survived to (n+1) divided by the number of enterprise births in (n) | Percentage | 11941(n+1)/11920(n)*100 |
| 97252 | Cohort survival rate 2: number of newly born enterprises in the year (n) having survived to (n+2) divided by the number of enterprise births in (n) | Percentage | 11942(n+2)/11920(n)*100 |
| 97253 | Cohort survival rate 3: number of newly born enterprises in the year (n) having survived to (n+3) divided by the number of enterprise births in (n) | Percentage | 11943(n+3)/11920(n)*100 |
| 97254 | Cohort survival rate 4: number of newly born enterprises in the year (n) having survived to (n+4) divided by the number of enterprise births in (n) | Percentage | 11944(n+4)/11920(n)*100 |
| 97255 | Cohort survival rate 5: number of newly born enterprises in the year (n) having survived to (n+5) divided by the number of enterprise births in (n) | Percentage | 11945(n+5)/11920(n)*100 |
| 97341 | Number of persons employed in the survival year among enterprises newly born in (n) having survived to n+1 | Number | 16941(n+1) |
| 97342 | Number of persons employed in the survival year among enterprises newly born in (n) having survived to n+2 | Number | 16942(n+2) |
| 97343 | Number of persons employed in the survival year among enterprises newly born in (n) having survived to n+3 | Number | 16943(n+3) |

| Code | Label | Unit | Calculation |
|-------|---|------------|---|
| 97344 | Number of persons employed in the survival year among enterprises newly born in (n) having survived to n+4 | Number | 16944(n+4) |
| 97345 | Number of persons employed in the survival year among enterprises newly born in (n) having survived to n+5 | Number | 16945(n+5) |
| 97351 | Number of persons employed in the year of birth in the population of enterprises newly born in (n) having survived to n+1 | Number | 16951(n+1) |
| 97352 | Number of persons employed in the year of birth in the population of enterprises newly born in (n) having survived to n+2 | Number | 16952(n+2) |
| 97353 | Number of persons employed in the year of birth in the population of enterprises newly born in (n) having survived to n+3 | Number | 16953(n+3) |
| 97354 | Number of persons employed in the year of birth in the population of enterprises newly born in (n) having survived to n+4 | Number | 16954(n+4) |
| 97355 | Number of persons employed in the year of birth in the population of enterprises newly born in (n) having survived to n+5 | Number | 16955(n+5) |
| 97361 | One-year old enterprises employment growth rate: number of persons employed in the year (n+1) among enterprises newly born in (n) having survived to n+1 divided by the number of persons employed in (n) by the same enterprises | Percentage | $16941 (n+1) / 16951 (n+1) * 100 - 100$ |
| 97362 | Two-year old enterprises employment growth rate: number of persons employed in the year (n+2) among enterprises newly born in (n) having survived to n+2 divided by the number of persons employed in (n) by the same enterprises | Percentage | $16942 (n+2) / 16952 (n+2) * 100 - 100$ |
| 97363 | Three-year old enterprises employment growth rate: number of persons employed in the year (n+3) among enterprises newly born in (n) having survived to n+3 divided by the number of persons employed in (n) by the same enterprises | Percentage | $16943 (n+3) / 16953 (n+3) * 100 - 100$ |
| 97364 | Four-year old enterprises employment growth rate: number of persons employed in the year (n+4) among enterprises newly born in (n) having survived to n+4 divided by the number of persons employed in (n) by the same enterprises | Percentage | $16944 (n+4) / 16954 (n+4) * 100 - 100$ |
| 97365 | Five-year old enterprises employment growth rate: number of persons employed in the year (n+5) among enterprises newly born in (n) having survived to n+5 divided by the number of persons employed in (n) by the same enterprises | Percentage | $16945 (n+5) / 16955 (n+5) * 100 - 100$ |

Indicators with growth by 10% or more (table: bd_9pm_r2)

| Code | Label | Unit | Calculation |
|-------|--|------------|------------------------------------|
| 97451 | Share of high growth enterprises in the population of active enterprises, measured in turnover: number of high growth enterprises divided by the number of active enterprises with at least 10 employees | Percentage | $11951 (t) / 11910_{10+(t)} * 100$ |

| Code | Label | Unit | Calculation |
|-------|---|------------|-----------------------------------|
| 97452 | Share of young high growth enterprises (gazelles) in the population of active enterprises, measured in employment: number of gazelles divided by the number of active enterprises with at least 10 employees | Percentage | $11952(t) / 11910_{10+}(t) * 100$ |
| 97453 | Share of young high growth enterprises (gazelles) in the population of active enterprises, measured in turnover: number of gazelles divided by the number of active enterprises with at least 10 employees | Percentage | $11953(t) / 11910_{10+}(t) * 100$ |
| 97460 | Share of high growth enterprises measured in employment: number of high growth enterprises measured in employment in t divided by the number of active enterprises with at least 10 employees in t | Percentage | $11960(t) / 11910_{10+}(t) * 100$ |
| 97461 | Employment share of high growth enterprises measured in employment: number of employees among high growth enterprises measured in employment in t divided by the number of employees among the stock of active enterprises with at least 10 employees | Percentage | $16961(t) / 16911_{10+}(t) * 100$ |
| 97462 | Average size of high growth enterprises measured in employment: number of employees among high growth enterprises measured in employment in t divided by the number of high growth enterprises measured in employment in t | Number | $16961(t) / 11960(t)$ |

Voluntary delivered indicators* with growth by 20% or more (table: bd_9n_r2)

| Code | Label | Unit | Calculation |
|-------|---|------------|-----------------------------|
| 97450 | Share of high growth enterprises measured in employment | Percentage | $11950(t) / 11910(t) * 100$ |
| 97451 | Share of high growth enterprises measured in turnover | Percentage | $11951(t) / 11910(t) * 100$ |
| 97452 | Share of "gazelles" measured in employment | Percentage | $11952(t) / 11910(t) * 100$ |
| 97453 | Share of "gazelles" measured in turnover | Percentage | $11953(t) / 11910(t) * 100$ |
| 97455 | Share of medium growth enterprises in the population of active enterprises measured in employment | Percentage | $11955(t) / 11910(t) * 100$ |
| 97456 | Share of medium growth enterprises in the population of active enterprises measured in turnover | Percentage | $11956(t) / 11910(t) * 100$ |
| 97457 | Share of young medium growth enterprises in the population of active enterprises measured in employment | Percentage | $11957(t) / 11910(t) * 100$ |
| 97458 | Share of young medium growth enterprises in the population of active enterprises measured in turnover | Percentage | $11958(t) / 11910(t) * 100$ |

* The share has been calculated within the same employee size class