

Preliminary Results of 2013 Census on Establishments

1 Number of establishments and workers

□ The number of establishments and workers showed a continuously upward trend after the foreign exchange crisis in 1998.

○ The number of establishments increased by 2.1 percent (76,115 establishments) to 3,679 thousand establishments as of the end of 2013. The number of workers rose by 2.8 percent (525,328 persons) to 19,090 thousand persons as of the end of 2013.

- The number of establishments went up by 59.6 percent (1,374 thousand establishments) from 1993, when the Census on Establishments was carried out for the first time. The number of workers grew by 55.9 percent (6,850 thousand workers) from 1993.

< Table 1 > < Number of establishments and workers by year >

(Unit: each, person, %)

| Year | Number of establishments | Percent change | | Number of workers | Percent change | |
|------|--------------------------|-----------------------------|-----------|-------------------|-----------------------------|-----------|
| | | Year-on-year percent change | from 1993 | | Year-on-year percent change | from 1993 |
| 1993 | 2,304,250 | - | - | 12,245,073 | - | - |
| 1994 | 2,518,454 | 9.3 | 9.3 | 12,583,630 | 2.8 | 2.8 |
| 1995 | 2,771,068 | 10.0 | 20.3 | 13,634,273 | 8.3 | 11.3 |
| 1996 | 2,807,802 | 1.3 | 21.9 | 14,006,754 | 2.7 | 14.4 |
| 1997 | 2,853,673 | 1.6 | 23.8 | 13,470,343 | -3.8 | 10.0 |
| 1998 | 2,785,659 | -2.4 | 20.9 | 12,416,558 | -7.8 | 1.4 |
| 1999 | 2,927,330 | 5.1 | 27.0 | 12,920,289 | 4.1 | 5.5 |
| 2000 | 3,013,417 | 2.9 | 30.8 | 13,604,274 | 5.3 | 11.1 |
| 2001 | 3,046,554 | 1.1 | 32.2 | 14,109,641 | 3.7 | 15.2 |
| 2002 | 3,131,963 | 2.8 | 35.9 | 14,608,322 | 3.5 | 19.3 |
| 2003 | 3,187,916 | 1.8 | 38.3 | 14,729,166 | 0.8 | 20.3 |
| 2004 | 3,189,890 | 0.1 | 38.4 | 14,818,754 | 0.6 | 21.0 |
| 2005 | 3,204,809 | 0.5 | 39.1 | 15,147,471 | 2.2 | 23.7 |
| 2006 | 3,226,569 | 0.7 | 40.0 | 15,435,766 | 1.9 | 26.1 |
| 2007 | 3,262,925 | 1.1 | 41.6 | 15,943,674 | 3.3 | 30.2 |
| 2008 | 3,264,782 | 0.1 | 41.7 | 16,288,280 | 2.2 | 33.0 |
| 2009 | 3,293,558 | 0.9 | 42.9 | 16,818,015 | 3.3 | 37.3 |
| 2010 | 3,355,470 | 1.9 | 45.6 | 17,647,028 | 4.9 | 44.1 |
| 2011 | 3,470,034 | 3.4 | 50.6 | 18,093,190 | 2.5 | 47.8 |
| 2012 | 3,602,476 | 3.8 | 56.3 | 18,569,355 | 2.6 | 51.6 |
| 2013 | 3,678,591 | 2.1 | 59.6 | 19,094,683 | 2.8 | 55.9 |

2 Number of establishments and workers by industry

- The number of establishments recorded an increase in all industries excluding 'Financial and Insurance Activities' and 'Arts, Sports and Recreation Related Services'.
 - The number of workers recorded an increase in all industries excluding 'Financial and Insurance Activities' and 'Construction'.
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- As of the end of 2013, the number of establishments in 'Agriculture, Forestry and Fishing', 'Sewage, Waste Management, Materials Recovery and Remediation Activities' and 'Construction' grew by 12.4 percent, 7.2 percent and 7.1 percent from 2012, respectively. The number of establishments in 'Professional, Scientific and Technical Activities' and 'Information and Communications' grew by 4.7 percent and 4.6 percent from the previous year, respectively. In the meantime, the number of establishments in 'Financial and Insurance Activities' and 'Arts, Sports and Recreation Related Services' fell by 0.4 percent and 0.3 percent from 2012, respectively.
 - 'Wholesale and Retail Trade' recorded the highest ratio of contribution (24.2 percent) to the increase in the total number of establishments, which was followed by 'Manufacturing' (16.9 percent) and 'Accommodation and Food Service Activities' (16.3 percent).
 - The number of workers in 'Agriculture, Forestry and Fishing', 'Human Health and Social Work Activities', 'Business Facilities Management and Business Support Services', 'Sewage, Waste Management, Materials Recovery and Remediation Activities' and 'Professional, Scientific and Technical Activities' rose by 11.6 percent, 6.7 percent, 6.1 percent, 5.1 percent and 4.9 percent, respectively. In the meantime, the number of workers in 'Financial and Insurance Activities' and 'Construction' fell by 1.9 percent and 1.5 percent, respectively.
 - 'Manufacturing' recorded the highest ratio of contribution (24.2 percent) to the increase in the total number of workers, which was followed by 'Wholesale and Retail Trade' (17.4 percent), 'Human Health and Social Work Activities' (15.7 percent) and 'Accommodation and Food Service Activities' (14.3 percent).

< Table 2 > Number of establishments and workers by industry

(Unit: each, person, %)

| Industry | Number of establishments | | | |
|---|--------------------------|------------|------------------------|--------------------|
| | 2012 (A) | 2013 (B) | Percent change (C=B/A) | Contribution ratio |
| Total | 3,602,476 | 3,678,591 | 2.1 | 100.0 |
| A Agriculture, Forestry and Fishing | 2,451 | 2,754 | 12.4 | 0.4 |
| B Mining and Quarrying | 1,842 | 1,877 | 1.9 | 0.0 |
| C Manufacturing | 360,394 | 373,251 | 3.6 | 16.9 |
| D Electricity, Gas, Steam and Water Supply | 1,605 | 1,666 | 3.8 | 0.1 |
| E Sewage, Waste Management, Materials Recovery and Remediation Activities | 6,526 | 6,997 | 7.2 | 0.6 |
| F Construction | 109,201 | 116,980 | 7.1 | 10.2 |
| G Wholesale and Retail Trade | 941,895 | 960,295 | 2.0 | 24.2 |
| H Transportation | 364,209 | 371,556 | 2.0 | 9.7 |
| I Accommodation and Food Service Activities | 673,767 | 686,173 | 1.8 | 16.3 |
| J Information and Communications | 33,964 | 35,541 | 4.6 | 2.1 |
| K Financial and Insurance Activities | 41,627 | 41,472 | -0.4 | -0.2 |
| L Real Estate Activities and Renting & Leasing | 131,505 | 132,578 | 0.8 | 1.4 |
| M Professional, Scientific and Technical Activities | 83,489 | 87,438 | 4.7 | 5.2 |
| N Business Facilities Management and Business Support Services | 44,379 | 46,262 | 4.2 | 2.5 |
| O Public Administration and Defence; Compulsory Social Security | 12,007 | 12,077 | 0.6 | 0.1 |
| P Education | 172,095 | 173,379 | 0.7 | 1.7 |
| Q Human Health and Social Work Activities | 120,928 | 125,703 | 3.9 | 6.3 |
| R Arts, Sports and Recreation Related Services | 104,439 | 104,175 | -0.3 | -0.3 |
| S Membership Organizations, Repair and Other Personal Services | 396,153 | 398,417 | 0.6 | 3.0 |
| Industry | Number of workers | | | |
| | 2012 (A) | 2013 (B) | Percent change (C=B/A) | Contribution ratio |
| Total | 18,569,355 | 19,094,683 | 2.8 | 100.0 |
| A Agriculture, Forestry and Fishing | 31,448 | 35,095 | 11.6 | 0.7 |
| B Mining and Quarrying | 15,580 | 15,585 | 0.0 | 0.0 |
| C Manufacturing | 3,715,162 | 3,842,255 | 3.4 | 24.2 |
| D Electricity, Gas, Steam and Water Supply | 65,153 | 67,979 | 4.3 | 0.5 |
| E Sewage, Waste Management, Materials Recovery and Remediation Activities | 73,086 | 76,849 | 5.1 | 0.7 |
| F Construction | 1,049,097 | 1,032,919 | -1.5 | -3.1 |
| G Wholesale and Retail Trade | 2,774,014 | 2,865,492 | 3.3 | 17.4 |
| H Transportation | 1,009,660 | 1,010,364 | 0.1 | 0.1 |
| I Accommodation and Food Service Activities | 1,914,917 | 1,990,045 | 3.9 | 14.3 |
| J Information and Communications | 494,944 | 511,901 | 3.4 | 3.2 |
| K Financial and Insurance Activities | 715,707 | 702,107 | -1.9 | -2.6 |
| L Real Estate Activities and Renting & Leasing | 453,228 | 465,940 | 2.8 | 2.4 |
| M Professional, Scientific and Technical Activities | 797,686 | 836,724 | 4.9 | 7.4 |
| N Business Facilities Management and Business Support Services | 864,597 | 917,330 | 6.1 | 10.0 |
| O Public Administration and Defence; Compulsory Social Security | 638,879 | 645,197 | 1.0 | 1.2 |
| P Education | 1,471,271 | 1,481,030 | 0.7 | 1.9 |
| Q Human Health and Social Work Activities | 1,229,328 | 1,311,625 | 6.7 | 15.7 |
| R Arts, Sports and Recreation Related Services | 345,812 | 350,668 | 1.4 | 0.9 |
| S Membership Organizations, Repair and Other Personal Services | 909,786 | 935,578 | 2.8 | 4.9 |

3 Number of establishments and workers by size of workers

□ As for establishments with 5 to 99 workers, the number of establishments and workers marked the highest increase of 5.4 percent and 4.1 percent, respectively.

- The number of establishments with 5 to 99 workers showed the highest increase of 5.4 percent to 656,467 establishments at the end of 2013. As for establishments with 5 to 99 workers, the number of workers showed the highest increase of 4.1 percent to 9,022,758 workers at the end of 2013. The number of establishments with 100 to 299 workers, establishments with 1 to 4 workers and establishments with 300 workers or more went up by 1.7 percent, 1.4 percent and 0.5 percent, respectively.
- The share of establishments with 5 to 99 workers rose by 0.5%p from 2012. In the meantime, the share of establishments with 1 to 4 workers declined by 0.6%p from 2012.
- The number of establishments with 5 to 99 workers recorded the highest ratio of contribution (68.2 percent) to the increase in the total number of workers.

< Table 3> Number of establishments and workers by size of workers

(Unit: each, person, %, %p)

| Size of workers | Number of establishments | | | |
|---------------------|--------------------------|-----------------------|---------------------------|--------------------|
| | 2012 (A) | 2013 (B) | Percent change (C=B/A) | Contribution ratio |
| Total | 3,602,476 (100.0) | 3,678,591 (100.0) | 2.1 | 100.0 |
| 1 to 4 persons | 2,963,377 (82.3) | 3,005,551 (81.7) | 1.4 (-0.6) | 55.4 |
| 5 to 99 persons | 622,769 (17.3) | 656,467 (17.8) | 5.4 (0.5) | 44.3 |
| 100 to 299 persons | 12,987 (0.4) | 13,212 (0.4) | 1.7 (0.0) | 0.3 |
| 300 persons or more | 3,343 (0.1) | 3,361 (0.1) | 0.5 (0.0) | 0.0 |
| Size of workers | Number of workers | | | |
| | 2012 (A) | 2013 (B) | Percent change (C=B/A) | Contribution ratio |
| Total | 18,569,355 (100.0) | 19,094,683 (100.0) | 2.8 | 100.0 |
| 1 to 4 persons | 5,298,507 (28.5) | 5,379,360 (28.2) | 1.5 (-0.3) | 15.4 |
| 5 to 99 persons | 8,664,408 (46.7) | 9,022,758 (47.3) | 4.1 (0.6) | 68.2 |
| 100 to 299 persons | 2,017,880 (10.9) | 2,051,624 (10.7) | 1.7 (-0.2) | 6.4 |
| 300 persons or more | 2,588,560 (13.9) | 2,640,941 (13.8) | 2.0 (-0.1) | 10.0 |

Note: The figures in parentheses represent shares and changes in shares.

4 Number of establishments by age group of the CEO

- The number of establishments with CEOs in their forties or more showed an increase. In the meantime, the number of establishments with CEOs in their twenties and thirties showed a decrease.
- The establishments with CEOs in their fifties occupied the largest share at 38.0 percent.
- As of the end of 2013, the number of establishments with CEOs in their fifties, establishments with CEOs in their sixties or more and establishments with CEOs in their forties rose by 11.4 percent, 4.4 percent and 1.0 percent from 2012, respectively. The number of establishments with CEOs in their thirties and establishments with CEOs in their twenties declined by 18.1 percent and 9.9 percent from 2012, respectively.
- The share of establishments with CEOs in their fifties showed the highest increase (3.1%p) from 34.9 percent in 2012 to 38.0 percent in 2013. The share of establishments with CEOs in their thirties fell by 3.0%p from 15.0 percent in 2012 to 12.0 percent in 2013. The share of establishments with CEOs in their forties fell by 0.3%p from 31.4 percent in 2012 to 31.1 percent in 2013. The share of establishments with CEOs in their twenties fell by 0.3%p from 2.1 percent in 2012 to 1.8 percent in 2013.

< Table 4 > Number of establishments by age group of the CEO

(Unit: each, %, %p)

| Age group of the CEO | Number of establishments | | | | | Share | | |
|----------------------|--------------------------|-----------|----------------|------------------------|--------------------|----------|----------|----------------|
| | 2012 (A) | 2013 (B) | Change (C=B-A) | Percent change (D=C/A) | Contribution ratio | 2012 (A) | 2013 (B) | Change (C=B-A) |
| Total | 3,602,476 | 3,678,591 | 76,115 | 2.1 | 100.0 | 100.0 | 100.0 | |
| Less than 20 | 188 | 203 | 15 | 8.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 20 to 29 | 74,805 | 67,388 | -7,417 | -9.9 | -9.7 | 2.1 | 1.8 | -0.3 |
| 30 to 39 | 538,755 | 441,063 | -97,692 | -18.1 | -128.3 | 15.0 | 12.0 | -3.0 |
| 40 to 49 | 1,131,879 | 1,143,453 | 11,574 | 1.0 | 15.2 | 31.4 | 31.1 | -0.3 |
| 50 to 59 | 1,255,762 | 1,398,954 | 143,192 | 11.4 | 188.1 | 34.9 | 38.0 | 3.1 |
| 60 or more | 601,087 | 627,530 | 26,443 | 4.4 | 34.7 | 16.7 | 17.1 | 0.4 |

5 Number of establishments by gender of the CEO

- The share of female CEOs showed an upward trend in all industries excluding 'Accommodation and Food Service Activities' and 'Mining and Quarrying'.
- The female CEOs in 'Accommodation and Food Service Activities' occupied the largest share at 63.6 percent.

- The share of female CEOs showed an increase in all industries excluding 'Accommodation and Food Service Activities (a drop of 0.6%p)' and 'Mining and Quarrying' (a drop of 0.1%p). The share of female CEOs grew by 0.2%p from 2012.
- The share of female CEOs in 'Accommodation and Food Service Activities', 'Education' and 'Human Health and Social Work Activities' stood at 63.6 percent, 53.8 percent and 45.0 percent, respectively.

< Table 5 > Share of female CEOs

(Unit: %)

| Industry | Share of female CEOs by year | | | | | |
|---|------------------------------|------|------|------|------|------|
| | 2008 | 2009 | 2010 | 2011 | 2012 | 2013 |
| Total | 36.8 | 37.1 | 37.2 | 37.5 | 37.6 | 37.8 |
| A Agriculture, Forestry and Fishing | 5.1 | 6.9 | 7.9 | 8.7 | 9.3 | 10.3 |
| B Mining and Quarrying | 6.9 | 8.0 | 8.9 | 9.8 | 10.6 | 10.5 |
| C Manufacturing | 17.6 | 18.1 | 18.4 | 18.8 | 19.0 | 19.4 |
| D Electricity, Gas, Steam and Water Supply | 0.9 | 2.5 | 1.9 | 2.2 | 3.1 | 3.4 |
| E Sewage, Waste Management, Materials Recovery and Remediation Activities | 11.9 | 12.4 | 12.6 | 13.4 | 14.2 | 14.6 |
| F Construction | 11.1 | 11.9 | 12.9 | 13.9 | 14.5 | 15.4 |
| G Wholesale and Retail Trade | 39.5 | 39.8 | 40.1 | 40.5 | 40.9 | 41.2 |
| H Transportation | 4.2 | 4.4 | 4.0 | 4.9 | 5.5 | 5.6 |
| I Accommodation and Food Service Activities | 66.2 | 65.8 | 65.1 | 64.6 | 64.2 | 63.6 |
| J Information and Communications | 14.0 | 14.0 | 14.1 | 14.6 | 15.2 | 15.8 |
| K Financial and Insurance Activities | 10.7 | 11.3 | 11.4 | 11.9 | 13.2 | 13.7 |
| L Real Estate Activities and Renting & Leasing | 29.5 | 30.5 | 31.3 | 31.9 | 32.3 | 32.9 |
| M Professional, Scientific and Technical Activities | 10.2 | 10.7 | 11.1 | 11.8 | 12.7 | 13.0 |
| N Business Facilities Management and Business Support Services | 22.4 | 22.6 | 22.9 | 23.5 | 24.1 | 25.2 |
| O Public Administration and Defence; Compulsory Social Security | 3.2 | 3.4 | 4.0 | 4.4 | 4.7 | 4.8 |
| P Education | 53.6 | 53.9 | 53.6 | 53.7 | 53.7 | 53.8 |
| Q Human Health and Social Work Activities | 39.3 | 40.1 | 41.8 | 43.0 | 44.8 | 45.0 |
| R Arts, Sports and Recreation Related Services | 40.7 | 41.0 | 41.3 | 41.4 | 42.1 | 42.6 |
| S Membership Organizations, Repair and Other Personal Services | 39.8 | 40.6 | 41.3 | 41.9 | 42.1 | 42.7 |

6 Number of workers by gender

- The number of female workers showed a higher increase than that of male workers.
 - The female workers in 'Human Health and Social Work Activities' occupied the largest share at 78.6 percent.
- The number of female workers grew by 3.5 percent (273,166 persons) to 8,047 thousand persons at the end of 2013. The number of male workers rose by 2.3 percent (252,162 persons) to 11,048 thousand persons at the end of 2013.
- The share of male workers dropped by 0.2%p from 58.1 percent in 2012 to 57.9 percent in 2013. In the meantime, the share of female workers rose by 0.2%p from 41.9 percent in 2012 to 42.1 percent in 2013.

< Table 6 > Number of workers by gender

(Unit: person, %, %p)

| Classification | Number of workers | | Change | Percent change | Share | | |
|----------------|-------------------|------------|---------|----------------|-------|-------|--------|
| | 2012 | 2013 | | | 2012 | 2013 | Change |
| Total | 18,569,355 | 19,094,683 | 525,328 | 2.8 | 100.0 | 100.0 | |
| Males | 10,795,555 | 11,047,717 | 252,162 | 2.3 | 58.1 | 57.9 | -0.2 |
| Females | 7,773,800 | 8,046,966 | 273,166 | 3.5 | 41.9 | 42.1 | 0.2 |

7 Number of workers by status of workers

- The number of 'Regular workers' recorded an increase. In the meantime, the number of 'Temporary and daily workers' recorded a decrease.
- The number of 'Regular workers' recorded the highest increase (5.3 percent, 607,996 persons) from the previous year. The share of 'Regular workers' went up by 1.4%p from 62.4 percent in 2012 to 63.8 percent in 2013.
- The number of 'Regular workers' and 'Self-employed and unpaid family workers' grew by 5.3 percent (607,996 persons) and 0.7 percent (27,457 persons), respectively. In the meantime, the number of 'Temporary and daily workers' and 'Other workers' fell by 3.6 percent (87,726 persons) and 2.6 percent (22,399 persons), respectively.
- As for workers by status of workers, the share of 'Regular workers' rose by 1.4%p from 62.4 percent in 2012 to 63.8 percent in 2013. In the meantime, the share of 'Temporary and daily workers' fell by 0.8%p from 13.0 percent in 2012 to 12.2 percent in 2013. The share of 'Self-employed and unpaid family workers' dropped by 0.5%p from 20.0 percent in 2012 to 19.5 percent in 2013. The share of 'Other workers' grew by 0.3%p from 4.7 percent in 2012 to 4.4 percent in 2013.

< Table 7 > Number of workers by status of workers

(Unit: person, %, %p)

| Status of worker | Number of workers | | | | | Share | | |
|---------------------------------|-------------------|------------|----------------|------------------------|--------------------|----------|----------|----------------|
| | 2012 (A) | 2013 (B) | Change (C=B-A) | Percent change (D=B/A) | Contribution ratio | 2012 (A) | 2013 (B) | Change (C=B-A) |
| Total | 18,569,355 | 19,094,683 | 525,328 | 2.8 | 100.0 | 100.0 | 100.0 | |
| Self-employed and unpaid worker | 3,705,460 | 3,732,917 | 27,457 | 0.7 | 5.2 | 20.0 | 19.5 | -0.5 |
| Regular worker | 11,580,358 | 12,188,354 | 607,996 | 5.3 | 115.7 | 62.4 | 63.8 | 1.4 |
| Temporary and daily worker | 2,412,090 | 2,324,364 | -87,726 | -3.6 | -16.7 | 13.0 | 12.2 | -0.8 |
| Others | 871,447 | 849,048 | -22,399 | -2.6 | -4.3 | 4.7 | 4.4 | -0.3 |

8 Number of establishments and workers by type of legal organization

- Compared to 2012, the number of company corporations showed the highest increase at 7.4 percent. The number of workers in non-corporate organizations showed the highest increase at 9.3 percent.
- Company corporations recorded the highest ratio (52.1 percent, 8,306 thousand persons) of contribution to the increase in the number of workers.
- As for establishments by type of legal organization as of the end of 2013, the number of company corporations and non-company corporations increased by 7.4 percent (31,431 establishments) and 5.0 percent (4,993 establishments) from 2012, respectively. The number of non-corporate organizations and individual establishments went up by 3.1 percent (3,895 establishments) and 1.2 percent (35,796 establishments) from 2012, respectively.
- As for workers by type of legal organization, the number of workers in non-corporate organizations and company corporations grew by 9.3 percent (44,442 persons) and 3.4 percent (273,751 persons) from 2012, respectively. The number of workers in non-company corporations and individual establishments grew by 3.0 percent (82,793 persons) and 1.7 percent (124,342 persons) from 2012, respectively.
- Company corporations recorded the highest ratio (52.1 percent) of contribution to the increase in the number of workers, which was followed by individual establishments (23.7 percent), non-company corporations (15.8 percent) and non-corporate organizations (8.5 percent).

< Table 8 > Number of establishments and workers by type of legal organization
(Unit: each, person, %, %p)

| Type of legal organization | Number of establishments | | | | Number of workers | | | |
|----------------------------|--------------------------|----------------------|------------------------|--------------------|-----------------------|-----------------------|------------------------|--------------------|
| | 2012 (A) | 2013 (B) | Percent change (C=B/A) | Contribution ratio | 2012 (A) | 2013 (B) | Percent change (C=B/A) | Contribution ratio |
| Total | 3,602,476 (100.0) | 3,678,591 (100.0) | 2.1 | 100.0 | 18,569,355 (100.0) | 19,094,683 (100.0) | 2.8 | 100.0 |
| Individual establishment | 2,951,756 (81.9) | 2,987,552 (81.2) | 1.2 (-0.7) | 47.0 | 7,329,869 (39.5) | 7,454,211 (39.0) | 1.7 (-0.5) | 23.7 |
| Company corporation | 425,339 (11.8) | 456,770 (12.4) | 7.4 (0.6) | 41.3 | 8,031,970 (43.3) | 8,305,721 (43.5) | 3.4 (0.2) | 52.1 |
| Non-company corporation | 99,511 (2.8) | 104,504 (2.8) | 5.0 (0.0) | 6.6 | 2,731,702 (14.7) | 2,814,495 (14.7) | 3.0 (0.0) | 15.8 |
| Non-corporate organization | 125,870 (3.5) | 129,765 (3.5) | 3.1 (0.0) | 5.1 | 475,814 (2.6) | 520,256 (2.7) | 9.3 (0.1) | 8.5 |

Note: The figures in parentheses represent shares and changes in shares.