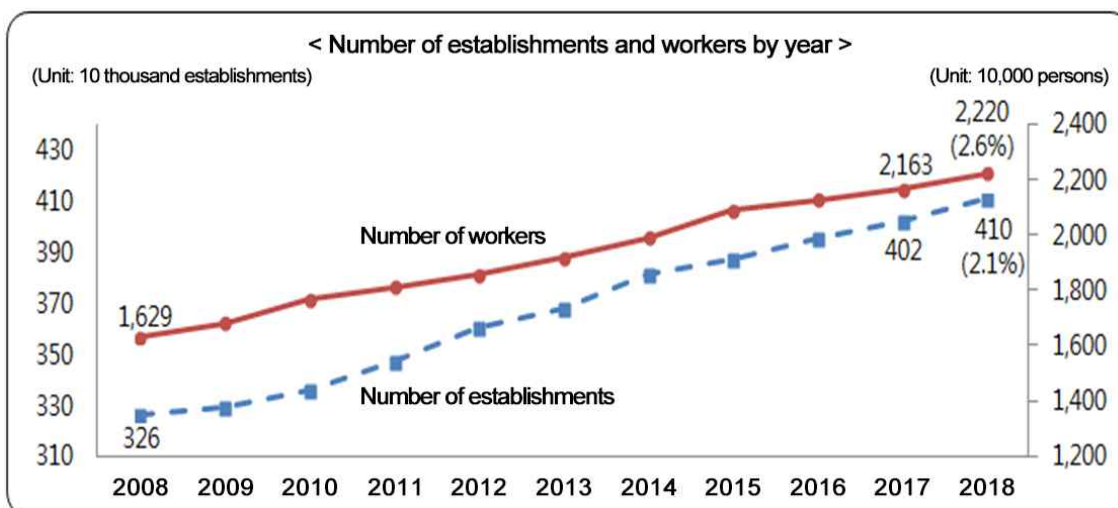




# Preliminary Results of 2018 Census on Establishments

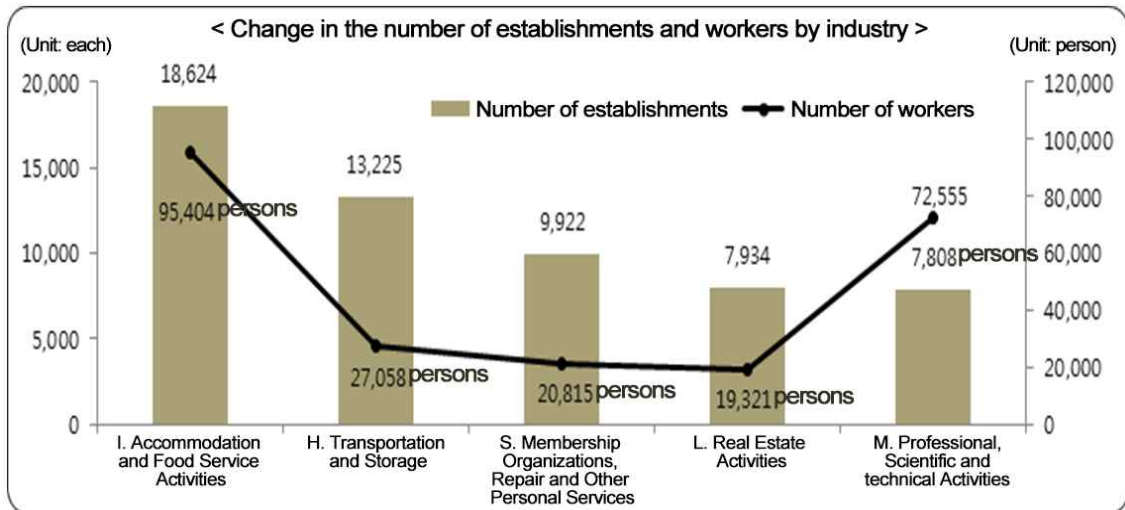
## 1 Number of establishments and workers

- As of the end of 2018, the number of establishments was 4.10 million entities, which increased by 80 thousand entities (2.1%) from a year ago. The number of workers was 22.20 million persons, which rose by 570 thousand persons (2.6%) from a year ago.
- Compared to a decade ago, the number of establishments went up by 840 thousand entities (25.7%) and the number of workers grew by 5.91 million persons (36.3%). For the past decade, these two figures showed a continuously increasing trend.



## 2 Change in the number of establishments and workers by industry

- As for establishments by industry, 'Accommodation and Food Service Activities' (19 thousand establishments) recorded the highest year-on-year increase, which was followed by 'Transportation and Storage' (13 thousand establishments) and 'Membership Organizations, Repair and Other Personal Service' (10 thousand establishments).
- As for workers by industry, 'Accommodation and Food Service Activities' and 'Professional, Scientific and Technical Activities' increased by 95 thousand persons and 73 thousand persons, respectively.

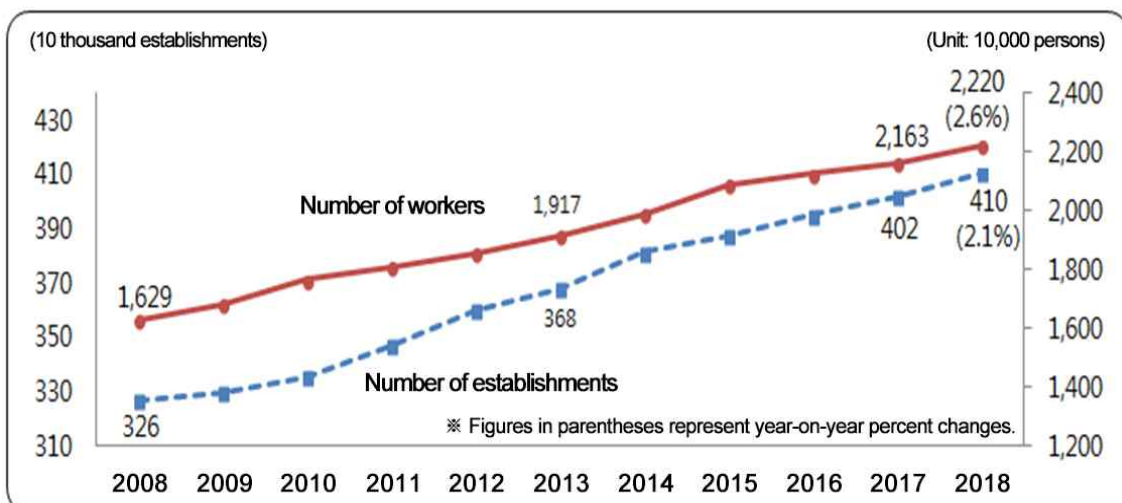


## 1 Number of establishments and workers

- Compared to the previous year, the number of establishments and workers grew by 2.1% and 2.6%, respectively.
- For the past decade, the number of establishments and workers showed an ever-increasing trend.

- As of the end of 2018, the number of establishments was 4.10 million entities, which increased by 2.1% (80 thousand entities) from a year ago. The number of workers was 22.20 million persons, which rose by 2.6% (570 thousand persons) from a year ago.
  - Compared to a decade ago, the number of establishments went up by 25.7% (840 thousand entities). The number of workers grew by 36.3% (5.91 million persons) from 2008. For the past decade, these two figures showed a continuously increasing trend.
- For the past decade (2008~2018), the number of establishments and workers grew by 2.3% and 3.1%, respectively, on an annual average.

< Number of establishments and workers by year >



(Unit: each, person, %)

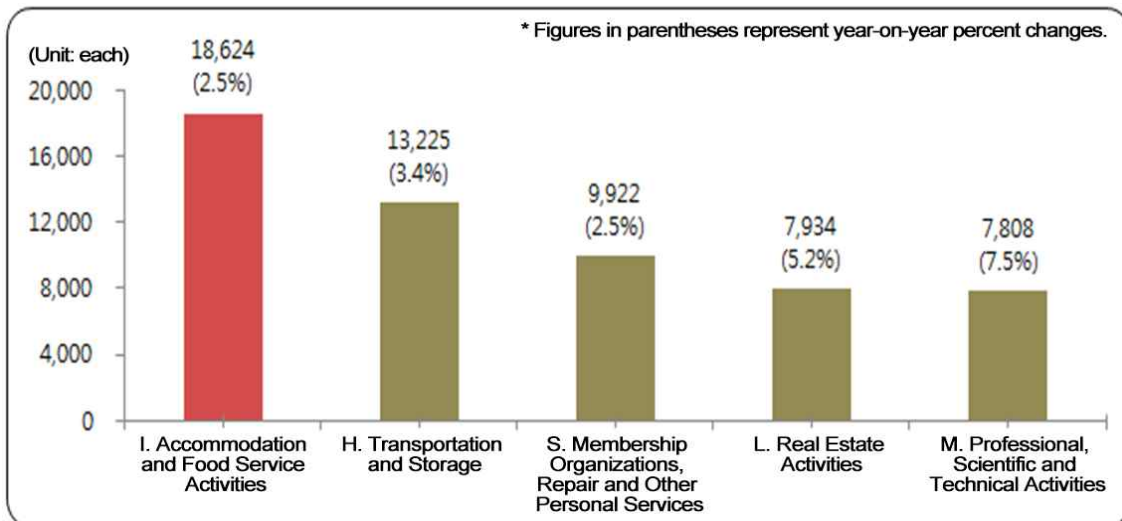
By year	Number of establishments			Number of workers		
		Change	Percent change		Change	Percent change
2008	3,264,782	1,857	0.1	16,288,280	344,606	2.2
2013	3,676,876	74,400	2.1	19,173,474	604,119	3.3
2017	4,019,872	69,703	1.8	21,626,904	367,778	1.7
2018	4,102,540	82,668	2.1	22,195,082	568,178	2.6

## 2 Number of establishments by industry

□ All industries excluding 'Mining and Quarrying' recorded an increase in establishments.

- Compared to the previous year, the number of establishments increased by 80 thousand entities.
- Compared to the previous year, as for establishments by industry, 'Accommodation and Food Service Activities' recorded the highest increase (19 thousand entities, 2.5%), which was followed by 'Transportation and Storage' (13 thousand entities, 3.4%) and 'Membership Organizations, Repair and Other Personal Services' (10 thousand entities, 2.5%). In the meantime, 'Mining and Quarrying' decreased by 84 entities (-4.2%).

< Change and percent change in the number of establishments by industry >



(Unit: each, %)

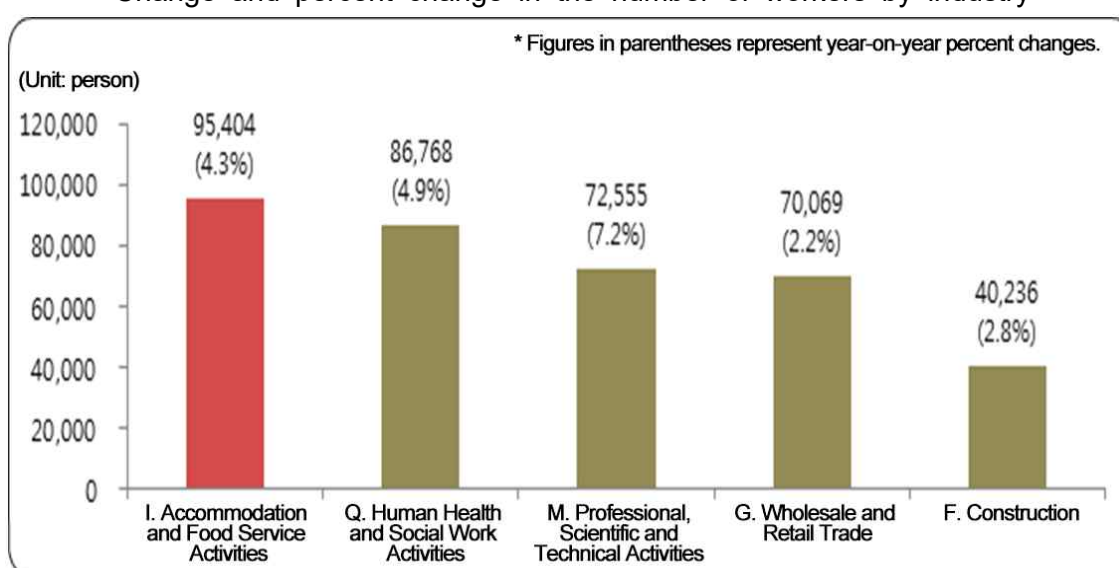
Number of establishments by industry		2017	2018	Change	Percent change
All industries		4,019,872	4,102,540	82,668	2.1
Top 5 industries recording an increase	I. Accommodation and Food Service Activities	747,577	766,201	18,624	2.5
	H. Transportation and Storage	386,919	400,144	13,225	3.4
	S. Membership Organizations, Repair and Other Personal Services	400,850	410,772	9,922	2.5
	L. Real Estate Activities	152,083	160,017	7,934	5.2
	M. Professional, Scientific and Technical Activities	104,251	112,059	7,808	7.5
Industry recording a decrease	B. Mining and Quarrying	2,001	1,917	-84	-4.2

### 3 Number of workers by industry

□ All industries excluding 'Financial and Insurance Activities' and 'Mining and Quarrying' recorded an increase in workers.

- Compared to the previous year, the number of workers increased by 570 thousand persons.
- Compared to the previous year, as for workers by industry, 'Accommodation and Food Service Activities' (95 thousand persons, 4.3%), 'Human Health and Social Work Activities' (87 thousand persons, 4.9%) and 'Professional, Scientific and Technical Activities' (73 thousand persons, 7.2%) marked an increase. Whereas, 'Financial and Insurance Activities' (-16 thousand persons, -2.1%) marked a decrease.

< Change and percent change in the number of workers by industry >



(Unit: person, %)

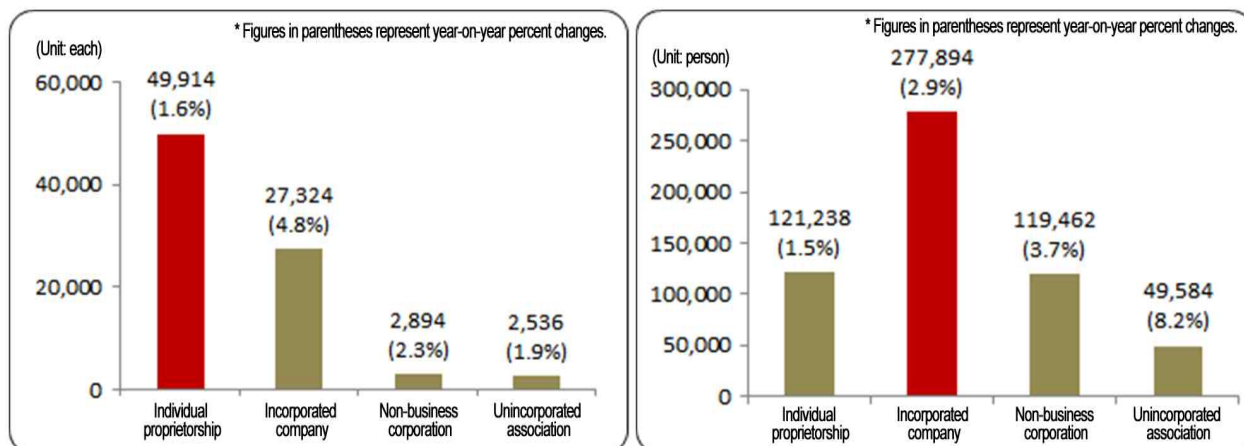
Number of workers by industry		2017	2018	Change	Percent change
Total industries		21,626,904	22,195,082	568,178	2.6
Top 5 industries recording an increase	I. Accommodation and Food Service Activities	2,214,879	2,310,283	95,404	4.3
	Q. Human Health and Social Work Activities	1,782,672	1,869,440	86,768	4.9
	M. Professional, Scientific and Technical Activities	1,008,747	1,081,302	72,555	7.2
	G. Wholesale and Retail Trade	3,173,320	3,243,389	70,069	2.2
	F. Construction	1,438,640	1,478,876	40,236	2.8
Industries recording a decrease	K. Financial and Insurance Activities	726,907	711,293	-15,614	-2.1
	B. Mining and Quarrying	15,421	15,137	-284	-1.8

## 4 Number of establishments and workers by type of legal organization

□ Compared to the previous year, individual proprietorships recorded an increase (50 thousand entities) in establishments. incorporated companies recorded an increase (280 thousand persons) in workers.

- Compared to the previous year, as for establishments by type of legal organization, individual proprietorships (50 thousand entities, 1.6%) recorded the highest increase, which was followed by incorporated companies (27 thousand entities, 4.8%).
- Compared to the previous year, as for workers by type of legal organization, incorporated companies (278 thousand persons, 2.9%) recorded the highest increase, which was followed by individual proprietorships (121 thousand persons, 1.5%) and non-business corporations (119 thousand persons, 3.7%).

< Change and percent change in the number of establishments and workers by type of legal organization >



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

By type of legal organization	Number of establishments				Number of workers			
	2017	2018	Change	Percent change	2017	2018	Change	Percent change
Total	4,019,872 (100.0)	4,102,540 (100.0)	82,668	2.1	21,626,904 (100.0)	22,195,082 (100.0)	568,178	2.6
Individual proprietorship	3,197,878 (79.6)	3,247,792 (79.2)	49,914 (-0.4)	1.6	8,156,480 (37.7)	8,277,718 (37.3)	121,238 (-0.4)	1.5
Incorporated company	565,580 (14.1)	592,904 (14.5)	27,324 (0.4)	4.8	9,640,798 (44.6)	9,918,692 (44.7)	277,894 (0.1)	2.9
Non-business corporation*	124,197 (3.1)	127,091 (3.1)	2,894 (0.0)	2.3	3,222,166 (14.9)	3,341,628 (15.1)	119,462 (0.2)	3.7
Unincorporated association**	132,217 (3.3)	134,753 (3.3)	2,536 (0.0)	1.9	607,460 (2.8)	657,044 (3.0)	49,584 (0.2)	8.2

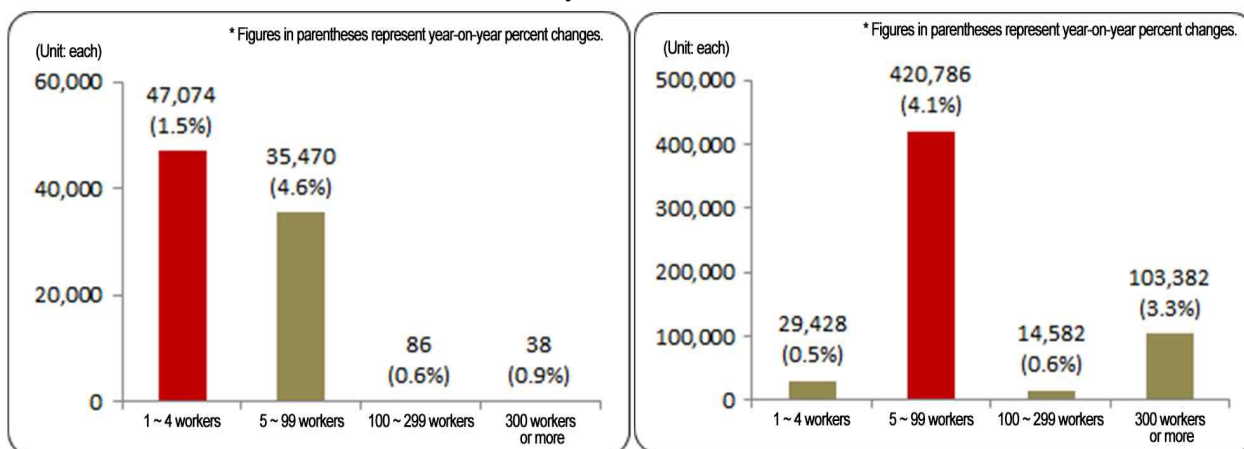
Note) Figures in parentheses represent component ratios and change in component ratios.

## 5 Number of establishments and workers by size of workers

□ Compared to the previous year, establishments with 1 ~ 4 workers recorded an increase (50 thousand entities) in establishments. Establishments with 5 ~ 99 workers recorded an increase (420 thousand persons) in workers.

- Compared to the previous year, as for establishments by size of workers, establishments with 1 ~ 4 workers (47 thousand entities, 1.5%) recorded the highest increase, which was followed by establishments with 5 ~ 99 workers (35 thousand entities, 4.6%).
- Compared to the previous year, as for workers by size of workers, establishments with 5 ~ 99 workers (421 thousand persons, 4.1%) recorded the highest increase, which was followed by establishments with 300 workers or more (103 thousand persons, 3.3%).

< Change and percent change in the number of establishments and workers by size of workers >



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

By size of workers	Number of establishments				Number of workers			
	2017	2018	Change	Percent change	2017	2018	Change	Percent change
Total	4,019,872 (100.0)	4,102,540 (100.0)	82,668	2.1	21,626,904 (100.0)	22,195,082 (100.0)	568,178	2.6
1 ~ 4 workers	3,228,202 (80.3)	3,275,276 (79.8)	47,074 (-0.5)	1.5	5,847,700 (27.0)	5,877,128 (26.5)	29,428 (-0.5)	0.5
5 ~ 99 workers	772,889 (19.2)	808,359 (19.7)	35,470 ( 0.5)	4.6	10,307,833 (47.7)	10,728,619 (48.3)	420,786 ( 0.6)	4.1
100 ~ 299 workers	14,758 ( 0.4)	14,844 ( 0.4)	86 ( 0.0)	0.6	2,308,801 (10.7)	2,323,383 (10.5)	14,582 (-0.2)	0.6
300 workers or more	4,023 ( 0.1)	4,061 ( 0.1)	38 ( 0.0)	0.9	3,162,570 (14.6)	3,265,952 (14.7)	103,382 ( 0.1)	3.3

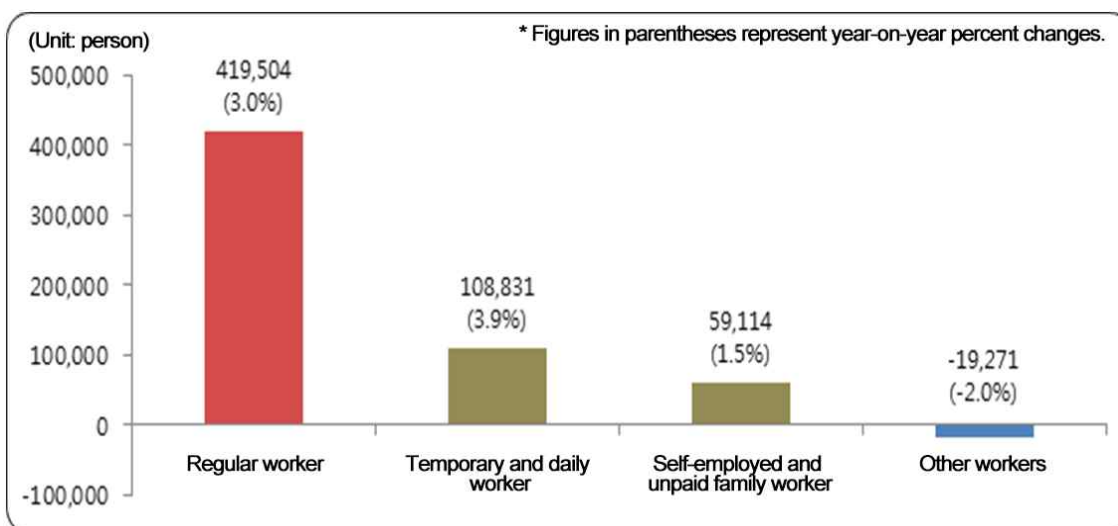
Note) Figures in parentheses represent component ratios and change in component ratios.

## 6 Number of workers by status of workers

□ As for workers by status of workers, regular workers showed the highest increase.

- Compared to the previous year, as for workers by status of workers, regular workers recorded the highest increase (420 thousand persons, 3.0%), which was followed by temporary and daily workers (109 thousand persons, 3.9%) and self-employed and unpaid family workers (59 thousand persons, 1.5%).
- Other workers decreased by 19 thousand persons (-2.0%) from 2017.

< Change and percent change in the number of workers by status of workers >



(Unit: person, %)

Number of workers by status of worker	2017		2018		Change	Percent change
		Composition		Composition		
Total	21,626,904	100.0	22,195,082	100.0	568,178	2.6
Regular worker	13,944,003	64.5	14,363,507	64.7	419,504	3.0
Temporary and daily worker	2,763,785	12.8	2,872,616	12.9	108,831	3.9
Self-employed and unpaid family worker	3,947,956	18.3	4,007,070	18.1	59,114	1.5
Other workers*	971,160	4.5	951,889	4.3	-19,271	-2.0

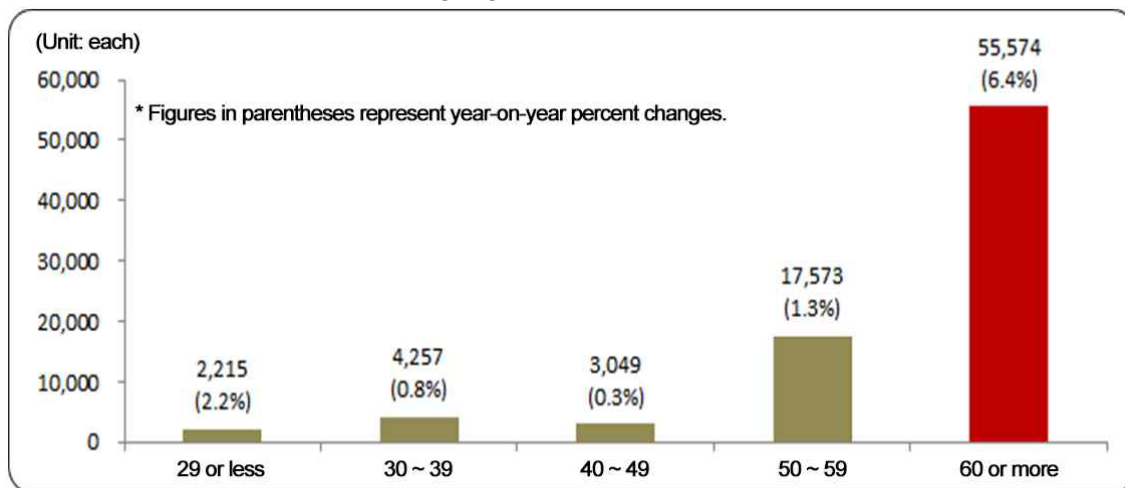
## 7 Number of establishments by age group of CEOs

□ Establishments with a CEO aged 50 ~ 59 occupied the largest share. Compared to the previous year, establishments with a CEO aged 60 or more recorded the highest increase.

- As of the end of 2018, establishments with a CEO aged 50 ~ 59 occupied the largest share at 34.5%, which was followed by establishments with a CEO aged 40 ~ 49 (27.6%) and establishments with a CEO aged 60 or more (22.6%).

- As for the year-on-year percent change in establishments by age group of CEOs, establishments with a CEO aged 60 or more recorded the highest increase (56 thousand entities, 6.4%), which was followed by establishments with a CEO aged 50 ~ 59 (18 thousand entities, 1.3%) and establishments with a CEO aged 30 ~ 39 (4 thousand entities, 0.8%).

< Change and percent change in the number of establishments by age group of CEOs >



(Unit: each, %)

Number of establishments by age group of CEOs	2017		2018		Change	Percent change
		Composition		Composition		
Total	4,019,872	100.0	4,102,540	100.0	82,668	2.1
29 or less	101,673	2.5	103,888	2.5	2,215	2.2
30 ~ 39	519,616	12.9	523,873	12.8	4,257	0.8
40 ~ 49	1,127,283	28.0	1,130,332	27.6	3,049	0.3
50 ~ 59	1,399,680	34.8	1,417,253	34.5	17,573	1.3
60 or more	871,620	21.7	927,194	22.6	55,574	6.4

## 8 Number of establishments with a female CEO by industry

- 'Accommodation and Food Service Activities' and 'Education' showed a higher share of female CEOs compared to the average of all industries.
- Compared to the previous year, the female CEOs recorded a rise in 'Membership Organizations, Repair and Other Personal Services', 'Accommodation and Food Service Activities' and 'Wholesale and Retail Trade'.

- As of the end of 2018, 'Accommodation and Food Service Activities' (60.7%), 'Education' (56.5%) and 'Membership Organizations, Repair and Other Personal Services' (48.0%) showed a higher share of female CEOs compared to the average of all industries (38.4%).
- As for establishments with a female CEO, 'Membership Organizations, Repair and Other Personal Services' recorded the highest year-on-year increase (8 thousand entities, 4.0%), which was followed by 'Accommodation and Food Service Activities' (7 thousand entities, 1.5%) and 'Wholesale and Retail Trade' (4 thousand entities, 1.1%) compared to the previous year.



< Number of establishments with a female CEO by industry >

(Unit: each, %)

By industry	2017			2018			Change in female CEOs	Percent change in female CEOs
	2017	Female CEOs	Share of female CEOs	2018	Female CEOs	Share of female CEOs		
All industries	4,019,872	1,538,145	38.3	4,102,540	1,573,328	38.4	35,183	2.3
A. Agriculture, Forestry and Fishing	3,880	572	14.7	4,236	609	14.4	37	6.5
B. Mining and Quarrying	2,001	219	10.9	1,917	201	10.5	-18	-8.2
C. Manufacturing	433,684	89,189	20.6	436,846	90,180	20.6	991	1.1
D. Electricity, Gas, Steam and Air Conditioning Supply	1,830	254	13.9	2,338	376	16.1	122	48.0
E. Water Supply; Sewage, Waste Management, Materials Recovery	8,533	1,390	16.3	9,078	1,498	16.5	108	7.8
F. Construction	138,478	25,461	18.4	142,330	26,600	18.7	1,139	4.5
G. Wholesale and Retail Trade	1,022,739	421,219	41.2	1,028,107	425,688	41.4	4,469	1.1
H. Transportation and Storage	386,919	25,543	6.6	400,144	26,662	6.7	1,119	4.4
I. Accommodation and Food Service Activities	747,577	458,052	61.3	766,201	465,133	60.7	7,081	1.5
J. Information and Communication	42,887	7,459	17.4	43,812	7,820	17.8	361	4.8
K. Financial and Insurance Activities	43,514	7,151	16.4	43,589	7,627	17.5	476	6.7
L. Real Estate Activities	152,083	54,357	35.7	160,017	58,176	36.4	3,819	7.0
M. Professional, Scientific and Technical Activities	104,251	15,616	15.0	112,059	17,577	15.7	1,961	12.6
N. Business Facilities Management and Business Support Services; Rental and Leasing Activities	68,177	19,611	28.8	71,445	20,729	29.0	1,118	5.7
O. Public Administration and Defence; Compulsory Social Security	12,488	904	7.2	12,526	1,018	8.1	114	12.6
P. Education	185,275	103,060	55.6	188,631	106,585	56.5	3,525	3.4
Q. Human Health and Social Work Activities	145,909	67,179	46.0	146,036	66,721	45.7	-458	-0.7
R. Arts, Sports and Recreation Related Services	118,797	51,227	43.1	122,456	52,820	43.1	1,593	3.1
S. Membership Organizations, Repair and Other Personal Services	400,850	189,682	47.3	410,772	197,308	48.0	7,626	4.0

## 9 Number of workers by gender

- Compared to the previous year, female workers increased more than male workers.
- 'Human Health and Social Work Activities' recorded the highest share of female workers.

○ As of the end of 2018, female workers recorded 9.61 million persons, which rose by 3.2% (293 thousand persons) from the previous year. Male workers recorded 12.59 million persons, which rose by 22% (275 thousand persons) from the previous year.

- 'Human Health and Social Work Activities' (80.6%) showed the highest share of female workers, which was followed by 'Education' (63.5%), 'Accommodation and Food Service Activities' (63.1%) and 'Financial and Insurance Activities' (56.0%).

< Change and percent change in the number of workers by gender >

(Unit: person, %)

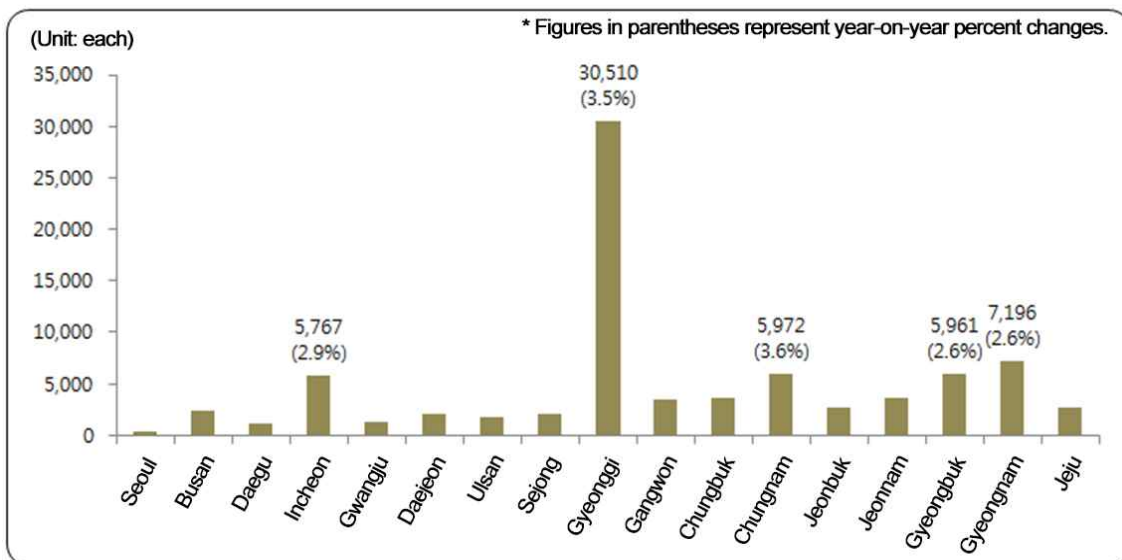
By gender	2017		2018		Change	Percent change
		Composition		Composition		
Total	21,626,904	100.0	22,195,082	100.0	568,178	2.6
Males	12,314,225	56.9	12,588,987	56.7	274,762	2.2
Females	9,312,679	43.1	9,606,095	43.3	293,416	3.2

## 10 Number of establishments and workers by region

□ Compared to the previous year, Gyeonggi recorded the highest increase in establishments, which was followed by Gyeongnam and Chungnam.

- Compared to the previous year, Gyeonggi recorded the highest increase (31 thousand entities, 3.5%), which was followed by Gyeongnam (7 thousand entities, 2.6%), Chungnam (6 thousand entities, 3.6%), Gyeongbuk (6 thousand entities, 2.6%) and Incheon (6 thousand entities, 2.9%).

< Change and percent change in the number of establishments by region >



< Top 5 regions recording an increase in establishments >

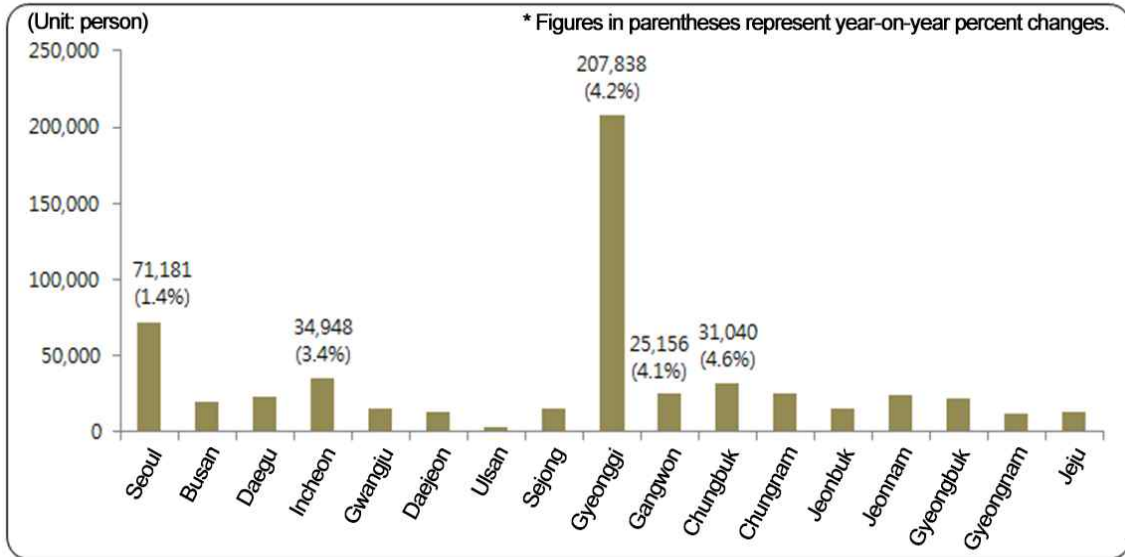
(Unit: each, %)

By region	Top 5 regions recording an increase in establishments					
	2017		2018		Change	Percent change
	Composition		Composition			
The nation	4,019,872	100.0	4,102,540	100.0	82,668	2.1
Gyeonggi	878,275	21.8	908,785	22.2	30,510	3.5
Gyeongnam	274,490	6.8	281,686	6.9	7,196	2.6
Chungnam	166,247	4.1	172,219	4.2	5,972	3.6
Gyeongbuk	226,079	5.6	232,040	5.7	5,961	2.6
Incheon	196,705	4.9	202,472	4.9	5,767	2.9

□ Compared to the previous year, Gyeonggi recorded the highest increase in workers, which was followed by Seoul and Incheon.

○ Compared to the previous year, Gyeonggi recorded the highest increase (208 thousand persons, 4.2%) in workers, which was followed by Seoul (71 thousand persons, 1.4%), Incheon (35 thousand persons, 3.4%), Chungbuk (31 thousand persons, 4.6%) and Gangwon (25 thousand persons, 4.1%).

< Change and percent change in the number of workers >



< Top 5 regions recording an increase in workers >

(Unit: person, %)

By region	Top 5 regions recording an increase in workers					
	2017	Composition	2018	Composition	Change	Percent change
The nation	21,626,904	100.0	22,195,082	100.0	568,178	2.6
Gyeonggi	4,953,790	22.9	5,161,628	23.3	207,838	4.2
Seoul	5,119,913	23.7	5,191,094	23.4	71,181	1.4
Incheon	1,034,344	4.8	1,069,292	4.8	34,948	3.4
Chungbuk	681,870	3.2	712,910	3.2	31,040	4.6
Gangwon	616,250	2.8	641,406	2.9	25,156	4.1