



Preliminary Results of the Survey of Business Activities in 2021

In 2021, the number of survey target enterprises was 13,448 entities, rising by 0.1% from 13,429 entities in 2020.

In 2021, the number of workers in survey target enterprises was 4.916 million persons, which grew by 4.3% from 4.713 million persons in 2020.

<Table> Number of enterprises and workers by industry

(each, thousand persons, %)

Industry sections	Number of enterprises			Number of workers			Number of regular workers			
	2020	2021	Percent change	2020	2021(A)	Percent change	2020	2021(B)	Percent change	Share (B/A*100)
All industries	13,429	13,448	0.1	4,713	4,916	4.3	4,209	4,306	2.3	87.6
Manufacturing	6,150	6,155	0.1	2,003	2,023	1.0	1,934	1,934	0.0	95.6
Electricity, Gas, Steam and Air Conditioning Supply	68	70	2.9	37	38	2.1	37	38	2.0	98.7
Construction	558	589	5.6	282	299	5.9	155	154	-0.8	51.5
Wholesale and Retail Trade	1,587	1,587	0.0	449	432	-3.7	406	405	-0.3	93.7
Transportation and Storage	726	698	-3.9	231	254	9.8	211	242	14.6	95.3
Accommodation and Food Service Activities	359	345	-3.9	163	160	-1.7	133	132	-0.3	82.6
Information and Communications	1,269	1,259	-0.8	342	339	-0.8	318	322	1.3	95.1
Real Estate Activities	292	290	-0.7	69	72	4.0	62	66	6.3	91.9
Professional, Scientific and Technical Activities	690	700	1.4	145	160	10.9	139	152	9.0	94.6
Business Facilities Management and Business Support Services; Rental and Leasing Activities	629	634	0.8	510	607	19.0	469	505	7.6	83.1
Arts, Sports and Recreation-related Services	328	335	2.1	47	45	-2.7	32	31	-1.1	69.0
Other industries	412	417	1.2	72	75	3.0	57	62	7.8	82.8
Financial and Insurance Activities	361	369	2.2	363	412	13.3	256	263	2.8	63.9

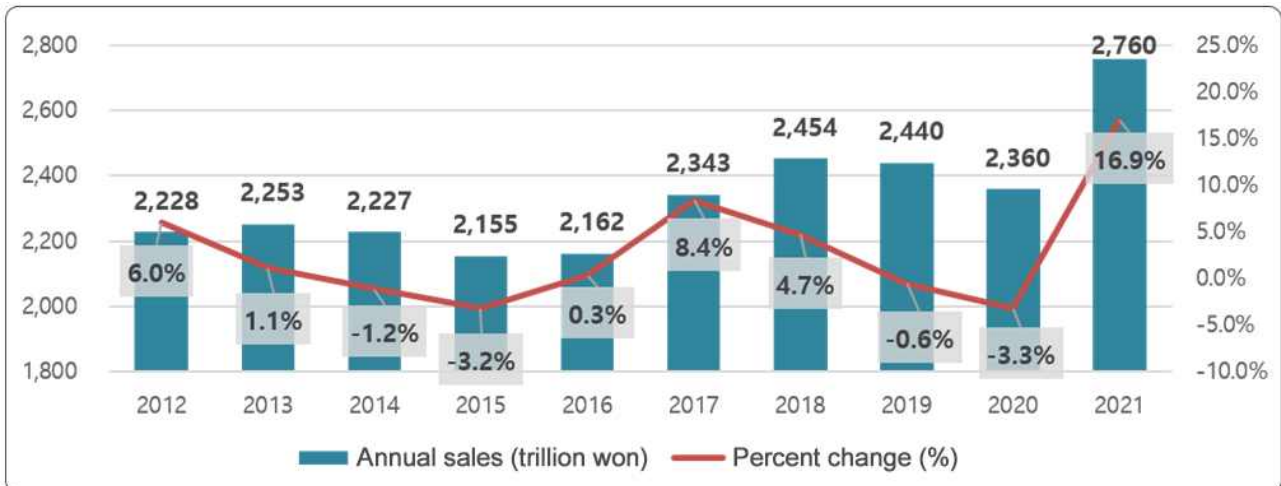
In 2021, the annual sales of survey target enterprises (excluding 'Financial and Insurance Activities') stood at 2,760 trillion won, rising by 16.9% from 2,360 trillion won in 2020.

<Table> Annual sales by industry and annual sales per enterprise

(trillion won, 100 million won, %)

Industry sections	Annual sales (trillion won)				Annual sales per enterprise (100 million won)			
	2019	2020	2021	Percent change	2019	2020	2021	Percent change
All industries (excluding 'Financial and Insurance Activities')	2,440	2,360	2,760	16.9	1,893	1,806	2,110	16.8
Manufacturing	1,435	1,377	1,645	19.5	2,267	2,238	2,672	19.4
Electricity, Gas, Steam and Air Conditioning Supply	62	56	65	15.9	9,236	8,282	9,321	12.5
Construction	183	174	177	2.0	3,160	3,117	3,011	-3.4
Wholesale and Retail Trade	390	392	446	13.8	2,634	2,468	2,807	13.8
Transportation and Storage	100	90	123	36.2	1,339	1,241	1,758	41.7
Accommodation and Food Service Activities	34	28	31	12.3	986	773	903	16.8
Information and Communications	132	137	156	13.9	1,176	1,077	1,237	14.8
Real Estate Activities	15	15	15	0.1	573	525	529	0.8
Professional, Scientific and Technical Activities	32	38	41	8.0	554	546	581	6.5
Business Facilities Management and Business Support Services; Rental and Leasing Activities	34	34	37	9.3	540	544	591	8.5
Arts, Sports and Recreation- related Services	9	7	8	17.8	289	216	249	15.4
Other industries	13	13	15	14.8	320	322	365	13.4

<Figure> Trend in annual sales by year



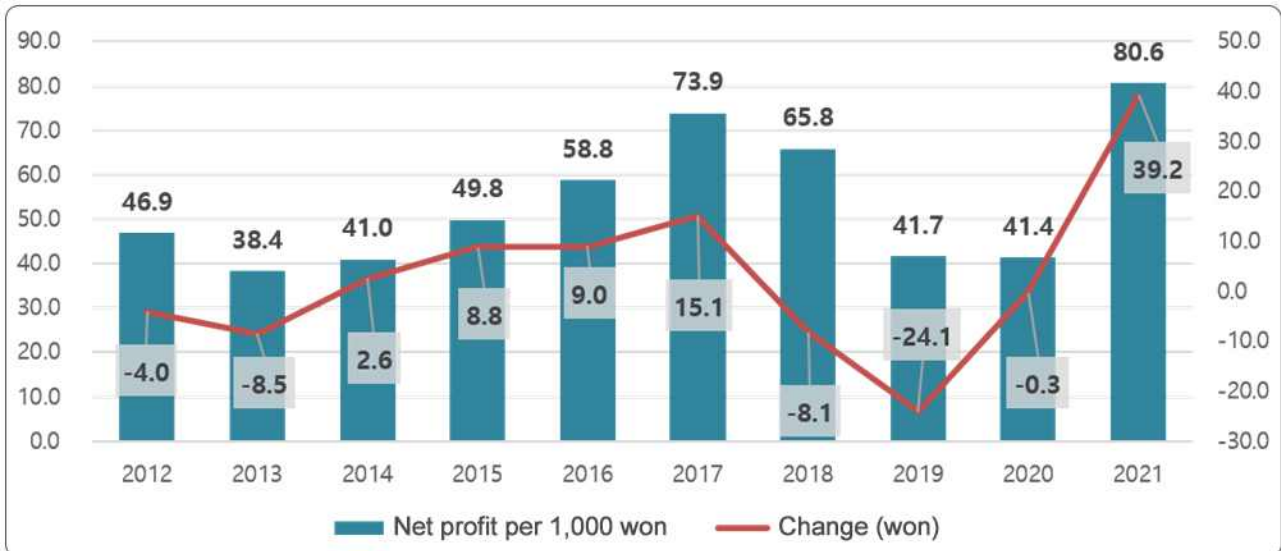
- The net profit (before the corporate tax) recorded 222.4 trillion won in 2021, which rose by 127.6% from 97.7 trillion won in 2020.
- The net profit (before the corporate tax) per 1,000 won of annual sales recorded 80.6 won in 2021, which grew by 39.2 won from 41.4 won in 2020.

<Table> Net profit before the corporate tax by industry

(billion won, won, %)

Industry sections	Net profit before the corporate tax (billion won)				Net profit before the corporate tax per 1,000 won of annual sales (won)			
	2019	2020(A)	2021(B)	Change (B-A)	2019	2020(C)	2021(D)	Change (D-C)
All industries (excluding 'Financial and Insurance Activities')	101,708	97,693	222,354	124,661	41.7	41.4	80.6	39.2
Manufacturing	63,982	61,532	143,603	82,071	44.6	44.7	87.3	42.6
Electricity, Gas, Steam and Air Conditioning Supply	3,171	3,342	1,744	-1,599	51.2	59.4	26.7	-32.6
Construction	9,376	9,976	13,032	3,056	51.3	57.4	73.5	16.1
Wholesale and Retail Trade	8,697	9,535	15,486	5,951	22.3	24.3	34.8	10.4
Transportation and Storage	-747	807	13,341	12,533	-7.5	9.0	108.7	99.8
Accommodation and Food Service Activities	465	-3,660	67	3,727	13.6	-131.9	2.2	134.1
Information and Communications	9,939	10,491	25,164	14,673	75.2	76.7	161.6	84.8
Real Estate Activities	1,945	1,515	2,143	628	125.7	98.9	139.7	40.8
Professional, Scientific and Technical Activities	1,948	2,829	4,428	1,599	60.0	75.1	108.9	33.7
Business Facilities Management and Business Support Services; Rental and Leasing Activities	1,173	907	1,210	303	34.5	26.5	32.3	5.8
Arts, Sports and Recreation-related Services	1,033	-115	1,112	1,226	111.6	-16.2	133.3	149.5
Other industries	725	532	1,024	492	55.6	40.1	67.3	27.1

<Figure> Trend in net profit before the corporate tax per 1,000 won of annual sales



- Among survey target enterprises, enterprises with subsidiaries amounted to 6,006 entities in 2021, rising by 3.1% from 5,823 enterprises in 2020.

- Among survey target enterprises, enterprises with overseas subsidiaries amounted to 3,329 entities in 2021, which grew by 0.5% from 3,313 enterprises in 2020.

<Table> Enterprises with subsidiaries

(each, %)

Industry sections	Year	Number of enterprises	Number of enterprises with subsidiaries		Number of enterprises with domestic subsidiaries		Number of enterprises with overseas subsidiaries	
				Share		Share		Share
All industries	2020	13,429	5,823	43.4	4,430	76.1	3,313	56.9
	2021	13,448	6,006	44.7	4,602	76.6	3,329	55.4
	Percent change	0.1	3.1		3.9		0.5	
Manufacturing	2020	6,150	3,093	50.3	2,054	66.4	2,196	71.0
	2021	6,155	3,128	50.8	2,096	67.0	2,208	70.6
	Percent change	0.1	1.1		2.0		0.5	
Wholesale and Retail Trade	2020	1,587	563	35.5	454	80.6	281	49.9
	2021	1,587	580	36.5	468	80.7	277	47.8
	Percent change	0.0	3.0		3.1		-1.4	
Information and Communications	2020	1,269	618	48.7	546	88.3	254	41.1
	2021	1,259	647	51.4	559	86.4	268	41.4
	Percent change	-0.8	4.7		2.4		5.5	

- Overseas subsidiaries were mainly located in China (26.0%), the United States (14.4%) and Vietnam (11.9%).

<Table> Countries of overseas subsidiaries

(each)

Year	Asia						North America			Europe			Others
	Total	China	Vietnam	Japan	Hong Kong	Others	Total	U.S.A	Canada	Total	Germany	Others	
2019	6,449	2,623	1,085	417	331	1,993	1,271	1,199	72	984	164	820	591
2020	6,506	2,562	1,138	415	313	2,078	1,389	1,316	73	1,022	166	856	605
2021	6,462	2,495	1,138	422	298	2,109	1,450	1,376	74	1,065	177	888	609

- **The research and development expenditures of enterprises (excluding 'Financial and Insurance Activities') amounted to 66.3 trillion won in 2021, which increased by 10.2% from 60.2 trillion won in 2020.**

<Table> Research and development expenditures

(each, billion won, %)

Industry sections	Year	Number of survey target enterprises		Number of enterprises with research and development expenditures		Research and development expenditures	Research and development expenditures per enterprise with research and development expenditures
			Annual sales per enterprise		Annual sales per enterprise		
All industries (excluding 'Financial and Insurance Activities')	2020	13,068	180.6	6,228	251.2	60,204	9.7
	2021	13,079	211.0	6,896	280.9	66,316	9.6
	Percent change	0.1	16.8	10.7	11.8	10.2	-1.0
Manufacturing	2020	6,150	223.8	4,543	259.9	55,538	12.2
	2021	6,155	267.2	4,897	296.8	60,465	12.3
	Percent change	0.1	19.4	7.8	14.2	8.9	0.8

- The enterprises outsourcing their business amounted to 9,821 entities in 2021, rising by 0.9% from 9,737 enterprises in 2020.

<Table> Enterprise outsourcing their business

(each, %)

Industry sections	Number of enterprises outsourcing their business (multiple responses)			Share of the number of enterprises outsourcing their business		
	2020	2021	Percent change	2020	2021	Percent change
All industries	9,737	9,821	0.9	72.5	73.0	0.5
Manufacturing	5,122	5,122	0.0	83.3	83.2	-0.1
Construction	363	366	0.8	65.1	62.1	-3.0
Wholesale and Retail Trade	1,061	1,106	4.2	66.9	69.7	2.8
Transportation and Storage	384	366	-4.7	52.9	52.4	-0.5
Accommodation and Food Service Activities	220	228	3.6	61.3	66.1	4.8
Information and Communications	868	865	-0.3	68.4	68.7	0.3
Real Estate Activities	165	179	8.5	56.5	61.7	5.2
Other industries	1,318	1,331	1.0	62.0	61.7	-0.3
Financial and Insurance Activities	236	258	9.3	65.4	69.9	4.5

- As for outsourcing by type, 'Security, cleaning and facility management' occupied the highest share at 24.4%, which was followed by 'Production' (17.6%) and 'Transportation and delivery services' (15.6%).

- **Among survey target enterprises, enterprises developing and utilizing the 4th industrial revolution-related technologies amounted to 1,925 entities in 2021, rising by 8.6% from 1,773 enterprises in 2020.**

<Table> Number of enterprises (developing and utilizing the 4th industrial revolution-related technologies)

(each, %)

Year	Total	Manufacturing	Electricity, Gas, Steam and Air Conditioning Supply	Construction	Wholesale and Retail Trade	Transportation and Storage
2020	1,773	661	11	42	162	42
2021	1,925	747	13	41	188	40
Percent change	8.6	13.0	18.2	-2.4	16.0	-4.8

Year	Accommodation and Food Service Activities	Information and Communications	Real Estate Activities	Other industries	Financial and Insurance Activities
2020	14	553	9	188	91
2021	22	577	11	188	98
Percent change	57.1	4.3	22.2	0.0	7.7

- As for the 4th industrial revolution-related technologies that enterprises mainly developed and utilized, 'Cloud computing' occupied the largest share at 22.5%, which was followed by 'Big data' (18.9%), 'Artificial intelligence' (14.2%) and 'Internet of things' (13.3%).