

Earnings and Productivity Statistics in January 2017

I. Abstract

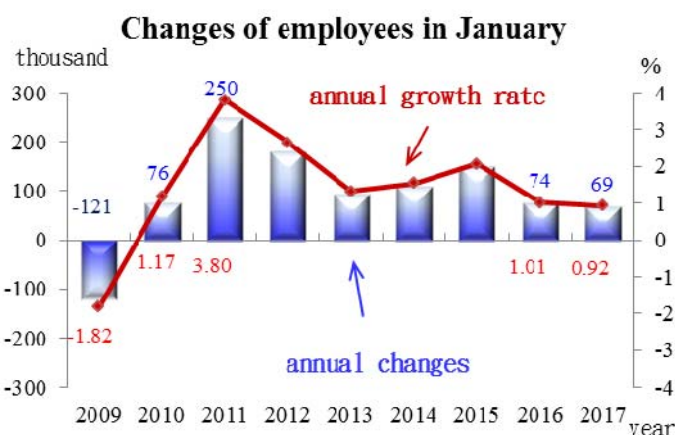
- i. At the end of January, the total nonagricultural payroll employees was 7,500 thousand, increased by 4 thousand or 0.06% from last month and increased by 69 thousand or 0.92% than last January.
- ii. The average total earnings (including regular and irregular earnings) in January was NT\$93,144, affected by year-end bonuses and performance bonuses granted mostly in this month, it was 95.16% more than last month and was 23.66% more than last January.
- iii. The average regular earnings was NT\$ 39,679, 0.13% less than last month and 1.37% more than the same month of last year, while the irregular earnings was NT\$53,465, 47.78% more than last January.
- iv. The average working hour in January was 153.0 hours. Since the working day was less in this month with Chinese New Year Holidays, the working hour was 23.4 hours fewer than last month and 20.8 hours less than the same month of last year.

II. Statistical Results

i. Employees

- (i) At the end of January 2017, the total payroll employees was 7,500 thousand, increased by 4 thousand (or 0.06%) from last month. Among all industries, the service sector shared 56.58%.

- (ii) Compared the same month with last year, payroll employees increased by 69 thousand (or 0.92%). The Industrial sector increased 0.49%, while the service sector increased by 1.26%. Among all industries, the largest increasing in payroll employees was Manufacturing (18 thousand), followed by Wholesale and Retail Trade, Accommodation and Food Service Activities (both were 16 thousand).

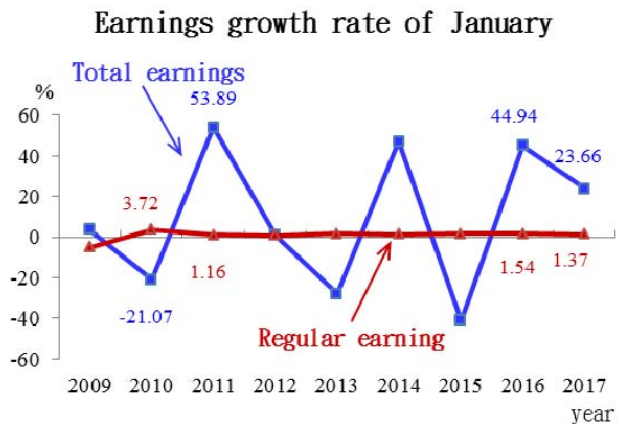


ii. Turnover

- (i) There was a net accession of 4 thousand employees in January. The total accession in January was 151 thousand, which was 14 thousand more than last month. Meanwhile, there was a separation of 147 thousand, 18 thousand more than last month, showed a net accession of 4 thousand.
- (ii) The accession rate in January was 2.01%, increased by 0.17 percentage points than last month and increased by 0.01 percentage points than last January.
- (iii) The separation rate in January was 1.95%, increased by 0.23 percentage points than last month, while remained the same as in last January.

iii. Average monthly earnings

- (i) The average total earnings in January was NT\$93,144. The average regular earnings was NT\$39,679, irregular earnings (including year-end bonuses, performance bonuses, and overtime pay) was NT\$53,465.
- (ii) Affected by year-end bonuses and performance bonuses granted mostly in this month, it was 95.16% more than last month and was 23.66% more than last January.
- (iii) The regular earnings in January was 0.13% less than last month and 1.37% more than the same month of last year. After deflating by the consumer price index increasing rate of 2.25%, the real regular earnings was reduced 0.86%.



iv. Hours of work

The average monthly working hour in January was 153.0 hours. Since the working day was less in this month with Chinese New Year Holidays, the working hour was 23.4 hours fewer than last month and 20.8 hours less than the same month of last year. The regular working hour reduced 20.8 hours and overtime was remained the same.

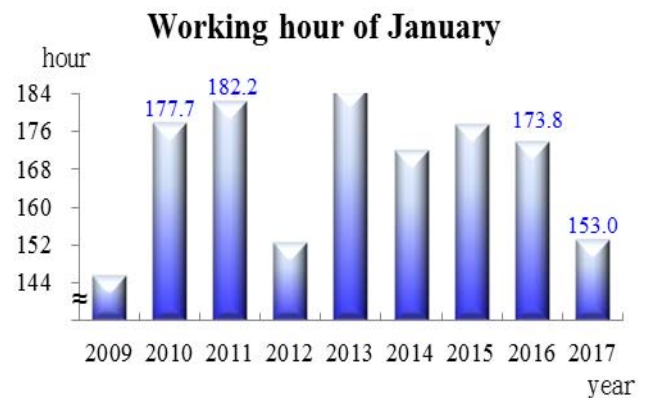


Table 1 Summary of Earnings and Productivity Statistics in Taiwan Area

Year and month	Employees on payrolls			Industry & services								Manufacturing			
	Industry & Services	Industry	Services	Accessions		Separations		Monthly working hours of each employee (hour)	Total monthly earnings of each employee (NT\$)			Employees on payrolls	Monthly earnings of each employee	Index of labor productivity	Index of unit output labor cost
				(thousand person)	(%)	(thousand person)	(%)			Regular earnings	Annual growth rate (%)				
(thousand person)	(thousand person)	(thousand person)	(thousand person)	(thousand person)	(%)	(thousand person)	(%)	(thousand person)	(NT\$)	(NT\$)	(thousand person)	(NT\$)	(2011=100)	(2011=100)	
Average 2003	5 785	2 808	2 977	139	2.39	125	2.15	181.3	42 065	34 804	0.17	2 373	39 549	68.56	130.53
Average 2004	6 026	2 901	3 125	145	2.40	126	2.08	183.5	42 680	35 096	0.84	2 461	40 657	71.83	126.56
Average 2005	6 201	2 933	3 268	159	2.57	146	2.34	181.9	43 159	35 382	0.81	2 479	41 858	74.40	127.30
Average 2006	6 373	2 979	3 395	170	2.67	157	2.44	180.9	43 488	35 724	0.97	2 510	42 393	77.43	124.89
Average 2007	6 524	3 024	3 501	168	2.58	155	2.38	180.4	44 392	36 319	1.67	2 541	43 178	83.03	118.64
Average 2008	6 632	3 045	3 587	155	2.35	164	2.46	179.7	44 367	36 387	0.19	2 557	43 121	82.93	120.42
Average 2009	6 466	2 873	3 593	145	2.25	148	2.28	176.7	42 182	35 629	-2.08	2 395	39 125	83.87	111.31
Average 2010	6 691	2 990	3 701	189	2.83	167	2.50	181.1	44 359	36 214	1.64	2 494	42 300	96.88	98.84
Average 2011	6 926	3 097	3 829	181	2.61	165	2.38	178.7	45 508	36 689	1.31	2 593	43 316	100.00	100.00
Average 2012	7 049	3 129	3 919	160	2.27	153	2.18	178.4	45 589	37 151	1.26	2 619	43 689	99.34	102.25
Average 2013	7 138	3 152	3 986	167	2.34	158	2.21	177.0	45 664	37 527	1.01	2 635	43 829	99.37	102.53
Average 2014	7 275	3 207	4 068	182	2.51	171	2.35	177.9	47 300	38 208	1.81	2 687	45 207	103.46	101.09
Average 2015	7 385	3 239	4 147	171	2.33	165	2.23	175.3	48 490	38 716	1.33	2 717	46 781	102.52	107.38
Average 2016	7 449	3 246	4 204	168	2.27	163	2.18	169.5	48 790	39 238	1.35	2 723	47 258	108.40	106.62
Jan.	7 431	3 240	4 191	149	2.00	145	1.95	173.8	75 321	39 141	1.54	2 717	74 735	101.37	176.78
Feb.	7 412	3 231	4 181	136	1.82	155	2.08	132.9	59 508	38 636	1.28	2 712	56 609	113.76	158.60
Mar.	7 417	3 235	4 182	186	2.52	182	2.45	186.3	43 880	39 208	1.78	2 714	40 798	101.25	89.59
Apr.	7 418	3 234	4 184	164	2.21	163	2.20	162.3	43 560	39 241	1.68	2 712	40 694	109.45	95.15
May	7 423	3 237	4 186	159	2.14	154	2.07	175.9	45 828	39 260	1.61	2 715	43 107	106.64	95.14
June	7 429	3 239	4 190	165	2.22	159	2.14	172.1	44 998	39 151	0.82	2 717	42 883	108.49	95.10
July	7 464	3 254	4 210	213	2.86	177	2.38	170.1	46 919	39 205	0.86	2 730	47 881	110.66	105.47
Aug.	7 472	3 254	4 218	198	2.64	190	2.54	185.3	45 713	39 318	1.40	2 729	45 835	103.60	98.78
Sept.	7 467	3 249	4 218	191	2.56	196	2.62	162.0	45 205	39 135	0.99	2 726	43 749	113.78	97.99
Oct.	7 474	3 251	4 223	171	2.29	164	2.19	160.5	43 069	39 362	1.08	2 728	41 927	116.93	92.04
Nov.	7 487	3 261	4 226	152	2.03	139	1.85	176.5	43 876	39 464	1.62	2 736	43 377	108.45	93.38
Dec.	7 496	3 262	4 234	137	1.84	129	1.72	176.4	47 728	39 729	1.53	2 738	45 572	109.66	97.56
Average 2017															
Jan.	7 500	3 256	4 244	151	2.01	147	1.95	153.0	93 144	39 679	1.37	2 735	91 089	118.48	209.38
The change compared with the last month(%)	0.06	-0.18	0.24	9.63	(0.17)	13.85	(0.23)	(-23.4)	95.16	-0.13		-0.14	99.88	8.04	114.62
The change compared with the same month of last year(%)	0.92	0.49	1.26	1.35	(0.01)	1.09	(0.00)	(-20.8)	23.66	1.37		0.65	21.88	16.88	18.44

Notes: 1. Numbers in quotation are time-increased, time-decreased or percentage.

2. Total monthly earnings of all employees are the total of regular (basic salary, monthly bonus, fixed subsidy and good attendance reward) and irregular (over-time, annul bonus, flexible bonus not paid by month) earnings of employees on payroll, but exclude the non-working reward such as insurance and pension.

3. Number of employees at the end of this month = Number of employees at the end of last month + Number of accession in this month - Number of separation in this month. However, the formula above does not apply on annual average data since the annual employees number is mean of a year not the number at the end of a year.

4. Both Industry & Services and Services Sectors statistics covered Education Industry (only other education and educational support activities are included) since January 2009.

Unit of compiled: DGBAS, EXECUTIVE YUAN
Date of compiled: Mar. 22, 2017

Table 2 Non-agricultural payroll employee's earnings statistics

Year	Total monthly earnings of each employee (NT\$)	(A)	Regular earnings of each employee (NT\$)	(B)	Real earnings of each employee, at 2011 price (NT\$)	(A)/(C)×100	Real regular earnings of each employee, at 2011 price (NT\$)	(B)/(C) ×100	CPI (2011=100)	Annual Growth rate (%)
		Annual Growth rate (%)		Annual Growth rate (%)		Annual Growth rate (%)		Annual Growth rate (%)		
1998	39 673	3.08	31 989	3.26	44 798	1.36	36 121	1.55	88.56	1.69
1999	40 842	2.95	33 068	3.37	46 040	2.77	37 277	3.20	88.71	0.17
2000	41 861	2.49	33 953	2.68	46 605	1.23	37 801	1.41	89.82	1.25
2001	41 960	0.24	34 489	1.58	46 716	0.24	38 398	1.58	89.82	0.00
2002	41 530	-1.02	34 746	0.75	46 330	-0.83	38 762	0.95	89.64	-0.20
2003	42 065	1.29	34 804	0.17	47 058	1.57	38 935	0.45	89.39	-0.28
2004	42 680	1.46	35 096	0.84	46 989	-0.15	38 639	-0.76	90.83	1.61
2005	43 159	1.12	35 382	0.81	46 447	-1.15	38 078	-1.45	92.92	2.30
2006	43 488	0.76	35 724	0.97	46 521	0.16	38 216	0.36	93.48	0.60
2007	44 392	2.08	36 319	1.67	46 650	0.28	38 166	-0.13	95.16	1.80
2008	44 367	-0.06	36 387	0.19	45 038	-3.46	36 937	-3.22	98.51	3.52
2009	42 182	-4.92	35 629	-2.08	43 193	-4.10	36 483	-1.23	97.66	-0.86
2010	44 359	5.16	36 214	1.64	44 989	4.16	36 728	0.67	98.60	0.96
2011	45 508	2.59	36 689	1.31	45 508	1.15	36 689	-0.11	100.00	1.42
2012	45 589	0.18	37 151	1.26	44 726	-1.72	36 448	-0.66	101.93	1.93
2013	45 664	0.16	37 527	1.01	44 446	-0.63	36 526	0.21	102.74	0.79
2014	47 300	3.58	38 208	1.81	45 494	2.36	36 749	0.61	103.97	1.20
2015	48 490	2.52	38 716	1.33	46 782	2.83	37 353	1.64	103.65	-0.31
2016	48 790	0.62	39 238	1.35	46 422	-0.77	37 334	-0.05	105.10	1.40

Note: same table 1

Unit of compiled: DGBAS, EXECUTIVE YUAN

Date of compiled: Mar. 22, 2017

Table 3 Non-agricultural payroll employee's January earnings statistics

Year	Total monthly earnings of each employee (NT\$)	(A)	Regular earnings of each employee (NT\$)	(B)	Real earnings of each employee, at 2011 price (NT\$)	(A)/(C)×100	Real regular earnings of each employee, at 2011 price (NT\$)	(B)/(C) ×100	CPI (2011=100)	Annual Growth rate (%)
		Annual Growth rate (%)		Annual Growth rate (%)		Annual Growth rate (%)		Annual Growth rate (%)		
1998	76 880	32.01	31 366	2.18	87 453	29.43	35 680	0.18	87.91	2.00
1999	48 500	-36.91	32 638	4.06	54 951	-37.17	36 979	3.64	88.26	0.40
2000	66 132	36.35	34 068	4.38	74 549	35.66	38 404	3.85	88.71	0.51
2001	76 351	15.45	34 098	0.09	84 087	12.79	37 553	-2.22	90.80	2.36
2002	53 924	-29.37	35 049	2.79	60 399	-28.17	39 257	4.54	89.28	-1.67
2003	73 045	35.46	35 037	-0.03	80 936	34.00	38 822	-1.11	90.25	1.09
2004	75 916	3.93	34 857	-0.51	84 108	3.92	38 618	-0.53	90.26	0.01
2005	65 039	-14.33	35 570	2.05	71 708	-14.74	39 217	1.55	90.70	0.49
2006	82 087	26.21	35 823	0.71	88 152	22.93	38 470	-1.90	93.12	2.67
2007	48 929	-40.39	36 232	1.14	52 358	-40.60	38 772	0.79	93.45	0.35
2008	65 740	34.36	36 804	1.58	68 337	30.52	38 258	-1.33	96.20	2.94
2009	68 084	3.57	34 927	-5.10	69 744	2.06	35 779	-6.48	97.62	1.48
2010	53 739	-21.07	36 227	3.72	54 909	-21.27	37 015	3.45	97.87	0.26
2011	82 700	53.89	36 646	1.16	83 578	52.21	37 035	0.05	98.95	1.10
2012	83 392	0.84	36 907	0.71	82 338	-1.48	36 441	-1.60	101.28	2.35
2013	60 005	-28.04	37 484	1.56	58 593	-28.84	36 602	0.44	102.41	1.12
2014	88 285	47.13	37 938	1.21	85 498	45.92	36 740	0.38	103.26	0.83
2015	51 968	-41.14	38 546	1.60	50 805	-40.58	37 683	2.57	102.29	-0.94
2016	75 321	44.94	39 141	1.54	73 042	43.77	37 957	0.73	103.12	0.81
2017	93 144	23.66	39 679	1.37	88 338	20.94	37 632	-0.86	105.44	2.25

Note: 1. Same table 1.

Unit of compiled: DGBAS, EXECUTIVE YUAN

Date of compiled: Mar. 22, 2017

2. The manufacturer gave the year-end bonuses and performance bonuses were in inconsistency months. For example: The Chinese New Year holiday in 2016 was February 6 to February 14, and 2017 was January 27 to February 1. More companies granted year-end bonuses and performance bonuses in January of this year.