

Earnings and Productivity Statistics in February 2017

I. Abstract

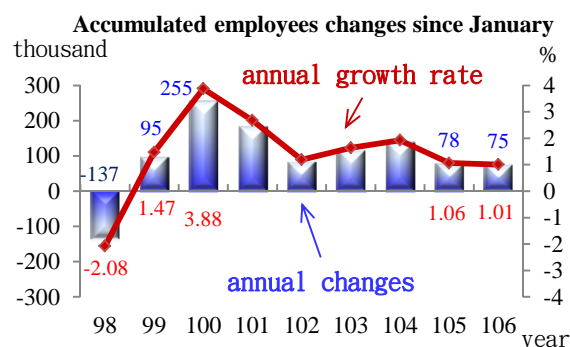
- i. **At the end of February, the total payroll employees was 7,493 thousand**, decreased by 7 thousand or 0.09% from last month. Comparing with the same month of last year, it increased 81 thousand or 1.09%. The average payroll employees since January was 7,497 thousand, increased 75 thousand or 1.01%.
- ii. **The average total earnings (including regular and irregular earnings) in February was NT\$45,720**, affected by year-end bonuses and performance bonuses granted mostly in last month, it was 50.91% less than last month and was 23.17% less than last February. The average total earnings since January 2017 was NT\$69,442, 2.99% more than the same period of last year.
- iii. **The average regular earnings was NT\$ 39,362**, 0.80% less than last month and 1.88% more than last February. The average regular earnings since January 2017 was NT\$39,520, 1.62% more than the same period of last year.
- iv. **The average working hour in February was 149.0 hours**, 4.0 hours less than last month and 16.1 hours more than last February, mainly affected by the working days was less in February, 2016 with Chinese New Year Holidays. The average working hours since January 2017 was 151.0 hours, reduced 2.3 hours than the same period of last year.

II. Statistical Results

i. Employees

- (i) **At the end of February, the total payroll employees was 7,493 thousand**, decreased by 7 thousand (or 0.09%) from last month. Mainly effected by employees' quit after Chinese New Year. Comparing to the same month of last year, the payroll employees increased 81 thousand (or 1.09%). Observing by the structure of employees, the service sector shared 56.53%.

- (ii) **The average payroll employees since January 2017 was 7,497 thousand**, increased 75 thousand (or 1.01%) than the same period of last year. The Industrial sector increased by 0.65%, while the service sector increased by 1.28%. Among all industries, the largest increasing was Manufacturing of 22 thousand, followed by Wholesale and Retail Trade of 16 thousand, Accommodation and Food Service Activities of 15 thousand.



ii. Turnover

- (i) **There was a net separation of 7 thousand employees in February.** The accession in February was 162 thousand, 11 thousand more than last month. Meanwhile, the separation was 169 thousand, 22 thousand more than last month. Therefore, there was a net separation of 7 thousand.
- (ii) **The accession rate in February was 2.16%**, increased by 0.15 percentage points than last month and increased by 0.34 percentage points than last February. **The separation rate in**

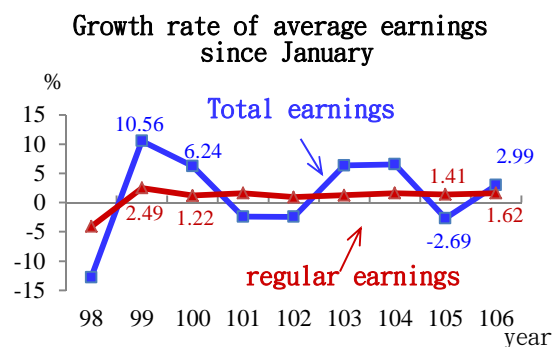
February was 2.25%, increased by 0.30 percentage points than last month and increased by 0.17 percentage points than last February.

- (iii) The average accession rate since January 2017 was 2.09%, the average separation rate was 2.09%. There were 0.17 percentage points and 0.08 percentage points increasing over the same period of last year, respectively.

iii. Average monthly earnings

- (i) The average total earnings in February was NT\$45,720. The average regular earnings was NT\$39,362, irregular earnings (including year-end bonuses, performance bonuses, and overtime pay) was NT\$6,358.

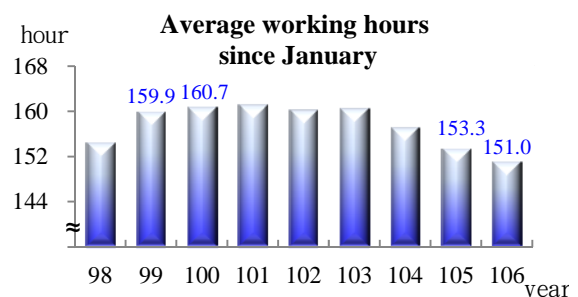
- (ii) Affected by year-end bonuses and performance bonuses granted mostly in last month, the total earnings reduced 50.91% than last month and reduced 23.17% than last February. The regular earnings in February reduced 0.80% than last month but increased 1.88% than last February.



- (iii) The average total earnings since January 2017 was NT\$69,442, the highest level of the same period in record. It was 2.99% more than the same period of last year, mainly caused by economic improving in the second half of 2016, the year-end bonuses and performance bonuses were granted more at the beginning of this year. The average regular earnings since January 2017 was NT\$39,520, increased 1.62% than the same period of last year and reached the highest level in record. After deflating by the consumer price index increasing rate of 1.08%, the real total earnings increased 1.89% and the real regular earnings increased 0.54%.

iv. Hours of work

- (i) The average working hour in February was 149.0 hours, 4.0 hours less than last month and 16.1 hours more than last February, mainly affected by the working days was less in February, 2016 with Chinese New Year Holidays.



- (ii) The average working hour since January 2017 was 151.0 hours, 2.3 hours less than the same period of last year. Between them, the regular working hours reduced by 2.5 hours, while the overtime increased 0.2 hours.

Table 1 Summary of Earnings and Productivity Statistics in Taiwan Area

Year and month	Employees on payrolls			Industry & services								Manufacturing			
	Industry & Services (thousand person)	Industry (thousand person)	Services (thousand person)	Accessions		Separations		Monthly working hours of each employee (hour)	Total monthly earnings of each employee (NT\$)			Employees on payrolls (thousand person)	Monthly earnings of each employee (NT\$)	Index of labor productivity (2011=100)	Index of unit output labor cost (2011=100)
				(thousand person)	(%)	(thousand person)	(%)		Regular earnings (NT\$)	Annual growth rate (%)					
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
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
2017 Jan.~ Feb.	7 497	3 257	4 240	157	2.09	158	2.09	151.0	69 442	39 520	1.62	2 736	67 428	115.89	160.76
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
Feb.	7 493	3 257	4 236	162	2.16	169	2.25	149.0	45 720	39 362	1.88	2 737	43 788	113.22	108.42
The change compared with the last month(%)	-0.09	0.04	-0.18	7.67	(0.15)	15.11	(0.30)	(-4.0)	-50.91	-0.80		0.09	-51.93	-4.44	-48.22
The change compared with the same month of last year(%)	1.09	0.81	1.31	19.51	(0.34)	9.14	(0.17)	(16.1)	-23.17	1.88		0.93	-22.65	-0.47	-31.64
The change compared with the same period (Jan. ~ Feb.) of last year(%)	1.01	0.65	1.28	10.00	(0.17)	5.25	(0.08)	(-2.3)	2.99	1.62		0.79	2.66	8.63	-4.58

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, annual 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: Apr. 24, 2017

Table 2 Non-agricultural payroll employee's January to February accumulated earnings statistics

Year	(A)		(B)		(A)/(C)×100		(B)/(C)×100		(C)	
	Total monthly earnings of each employee (NT\$)	Annual Growth rate (%)	Regular earnings of each employee (NT\$)	Annual Growth rate (%)	Real earnings of each employee, at 2011 price (NT\$)	Annual Growth rate (%)	Real regular earnings of each employee, at 2011 price (NT\$)	Annual Growth rate (%)	CPI (2011=100)	Annual Growth rate (%)
1998	57 175	6.34	31 373	3.58	65 238	5.13	35 798	2.41	87.64	1.14
1999	56 550	-1.09	32 258	2.82	63 733	-2.31	36 355	1.56	88.73	1.24
2000	59 170	4.63	33 514	3.89	66 208	3.88	37 500	3.15	89.37	0.72
2001	57 792	-2.33	34 095	1.73	64 249	-2.96	37 904	1.08	89.95	0.65
2002	54 883	-5.03	34 523	1.26	61 103	-4.90	38 436	1.40	89.82	-0.14
2003	56 236	2.47	34 602	0.23	62 749	2.69	38 610	0.45	89.62	-0.22
2004	57 718	2.64	34 901	0.86	64 195	2.30	38 818	0.54	89.91	0.32
2005	60 334	4.53	35 019	0.34	66 301	3.28	38 482	-0.87	91.00	1.21
2006	61 044	1.18	35 485	1.33	65 880	-0.63	38 296	-0.48	92.66	1.82
2007	61 851	1.32	35 896	1.16	66 059	0.27	38 338	0.11	93.63	1.05
2008	62 679	1.34	36 507	1.70	64 738	-2.00	37 706	-1.65	96.82	3.41
2009	54 676	-12.77	35 016	-4.08	56 437	-12.82	36 144	-4.14	96.88	0.06
2010	60 449	10.56	35 889	2.49	61 601	9.15	36 573	1.19	98.13	1.29
2011	64 220	6.24	36 328	1.22	64 660	4.97	36 577	0.01	99.32	1.21
2012	62 664	-2.42	36 917	1.62	62 284	-3.67	36 693	0.32	100.61	1.30
2013	61 142	-2.43	37 261	0.93	59 558	-4.38	36 296	-1.08	102.66	2.04
2014	65 028	6.36	37 736	1.27	63 097	5.94	36 616	0.88	103.06	0.39
2015	69 287	6.55	38 347	1.62	67 617	7.16	37 423	2.20	102.47	-0.57
2016	67 425	-2.69	38 889	1.41	64 757	-4.23	37 350	-0.20	104.12	1.61
2017	69 442	2.99	39 520	1.62	65 984	1.89	37 552	0.54	105.24	1.08

Note: same table 1

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