

Earnings and Productivity Statistics in July 2017

I. Abstract

- i. **At the end of July, the total payroll employees was 7,586 thousand**, increased by 46 thousand or 0.62% from last month. Comparing with the same month of last year, it increased 122 thousand or 1.64%. The average payroll employees since January was 7,524 thousand, increased 96 thousand or 1.30%.
- ii. **The average total earnings (including regular and irregular earnings) in July was NT\$48,429**, 8.23% more than last month and 3.22% more than last July.
- iii. **The average regular earnings was NT\$ 39,876 in July**, 0.03% more than last month and 1.71% more than last July. The average regular earnings since January 2017 was NT\$39,754, 1.62% more than the same period of last year.
- iv. **The average working hour in July was 170.9 hours**, 11.7 hours less than last month and 0.8 hours more than last July. The average working hours since January 2017 was 166.1 hours, reduced by 1.6 hours than the same period of last year.
- v. **The average overtime since January 2017 was 8.0 hours**, 0.2 hours less than the same period of last year. **The average overtime pay since January 2017 was NT\$1,696**, 7.41% more than the same period of last year.

Summary of employees, earnings, and working hours of the Industrial and Services sector

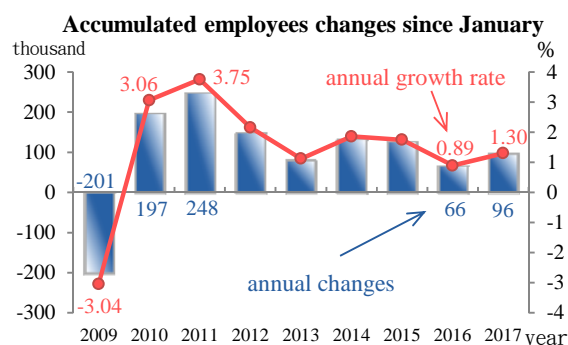
	July 2017 Ⓟ	changes of last month		changes of last July		Jan. ~ July 2017 Ⓟ	changes of Jan.~ July 2016	
		value	rate	value	rate		value	rate
Employee (thousand)	7 586	46	0.62%	122	1.64%	7 524	96	1.30%
Average total earning (NT\$)	48 429	3 683	8.23%	1 510	3.22%	52 752	1 322	2.57%
Regular earning (NT\$)	39 876	10	0.03%	671	1.71%	39 754	634	1.62%
Overtime pay (NT\$)	1 680	-9	-0.53%	47	2.88%	1 696	117	7.41%
Average working hour (hour)	170.9	-11.7	-6.41%	0.8	0.47%	166.1	-1.6	-0.95%
Overtime (hour)	7.8	0.0	0.00%	-0.7	-8.24%	8.0	-0.2	-2.44%

Note: Because the sample of the Employee Earning Survey renewed in July 2017, the data of this month were preliminary and shown as Ⓟ.

II. Statistical Results

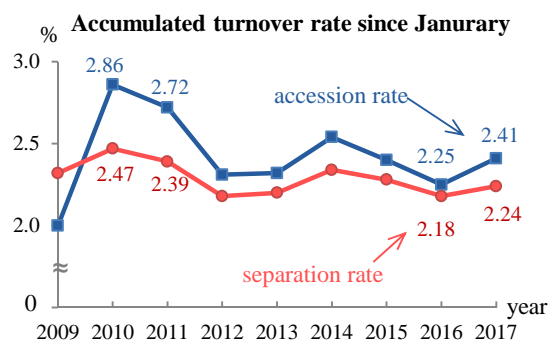
i. Employees

- (i) **At the end of July, the total payroll employees was 7,586 thousand**, increased by 46 thousand (or 0.62%) from last month. Comparing to the same month of last year, the payroll employees increased 122 thousand (or 1.64%). Observing the structure of employees by sectors, the service sector shared 56.50%.
- (ii) **The average payroll employees since January 2017 was 7,524 thousand**, increased 96 thousand (or 1.30%) than the same period of last year. The industrial sector increased by 1.01%, while the service sector increased by 1.53%. Among all industries, the largest increasing was Manufacturing of 32 thousand, followed by Wholesale and Retail Trade of 21 thousand, Accommodation and Food Service Activities of 15 thousand.



ii. Turnover

- (i) **There were 46 thousand employees increasing in July.** The accession in July was 240 thousand, 64 thousand more than last month. Meanwhile, the separation was 193 thousand, 32 thousand more than last month. Therefore, there was a net accession of 46 thousand.
- (ii) **The accession rate in July was 3.18%**, increased by 0.85 percentage points than last month and increased by 0.32 percentage points than last July. **The separation rate in July was 2.56%**, increased by 0.42 percentage points than last month and increased 0.18% than last July.
- (iii) **The average accession rate since January 2017 was 2.41%**, the average separation rate was **2.24%**. There were 0.16 percentage points and 0.06 percentage points increasing over the same period of last year, respectively.

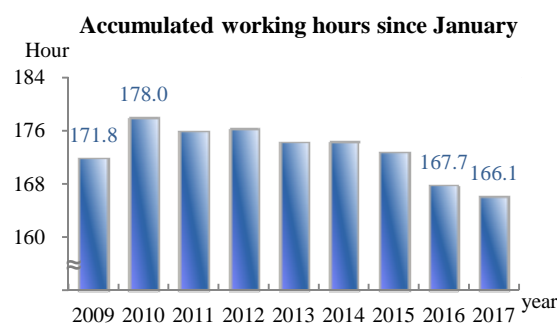


iii. Average monthly earnings

- (i) **The average total earnings in July was NT\$48,429.** The average regular earnings was **NT\$39,876**, irregular earnings (including year-end bonuses, performance bonuses, and overtime pay) was **NT\$8,553**.
- (ii) In July, the total earnings increased 8.23% than last month and increased 3.22% than last July. The regular earnings in July 0.03% more than last month and 1.71% more than last July.
- (iii) **The average regular earnings since January 2017 was NT\$39,754**, 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 0.69%, the real regular earnings increased 0.92%.

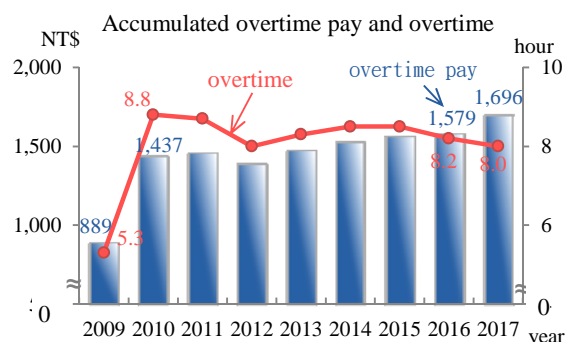
iv. Hours of work

- (i) **The average working hour in July was 170.9 hours.** As a result of less working-day, the working hour in July was 11.7 hours less than last month and 0.8 hours more than last July.
- (ii) **The average working hour since January 2017 was 166.1 hours**, 1.6 hours less than the same period of last year. Between them, the regular working hours reduced by 1.4 hours, while the overtime reduced 0.2 hours.



v. Overtime and overtime pay

- (i) **The average overtime in July was 7.8 hours**, same as in last month and 0.7 hours less than last July. **The average overtime since January 2017 was 8.0 hours**, reduced 0.2 hours than the same period of last year.
- (ii) **The overtime pay in July was NT\$1,680**, 0.53% less than last month and 2.88% more than the same



month of last year. **The average overtime pay since January 2017 was NT\$1,696**, 7.41% more than the same period of last year.

Summary of Earnings and Productivity Statistics in Taiwan Area

Year and month	Employees on payrolls			Industry & services											
	Industry & Services	Industry	Services	Accessions		Separations		Monthly working hours of each employee			Total monthly earnings of each employee				
				(thousand person)	%	(thousand person)	%	(hour)	Overtime		Regular earnings		Overtime pay		
	(hour)	Changes	(NT\$)						Annual growth rate	(NT\$)	Annual growth rate				
(thousand person)	(thousand person)	(thousand person)	(thousand person)	(%)	(thousand person)	(%)	(hour)	(hour)	(hour)	(NT\$)	(NT\$)	(%)	(NT\$)	(%)	
Average 2008	6 632	3 045	3 587	155	2.35	164	2.46	179.7	8.2	-0.8	44 367	36 387	0.19	1 349	-8.36
Average 2009	6 466	2 873	3 593	145	2.25	148	2.28	176.7	6.3	-1.9	42 182	35 629	-2.08	1 037	-23.13
Average 2010	6 691	2 990	3 701	189	2.83	167	2.50	181.1	8.8	2.5	44 359	36 214	1.64	1 442	39.05
Average 2011	6 926	3 097	3 829	181	2.61	165	2.38	178.7	8.4	-0.4	45 508	36 689	1.31	1 414	-1.94
Average 2012	7 049	3 129	3 919	160	2.27	153	2.18	178.4	8.0	-0.4	45 589	37 151	1.26	1 389	-1.77
Average 2013	7 138	3 152	3 986	167	2.34	158	2.21	177.0	8.4	0.4	45 664	37 527	1.01	1 494	7.56
Average 2014	7 275	3 207	4 068	182	2.51	171	2.35	177.9	8.6	0.2	47 300	38 208	1.81	1 544	3.35
Average 2015	7 385	3 239	4 147	171	2.33	165	2.23	175.3	8.3	-0.3	48 490	38 716	1.33	1 548	0.26
Average 2016	7 449	3 246	4 204	168	2.27	163	2.18	169.5	8.5	0.2	48 790	39 238	1.35	1 642	6.07
July	7 464	3 254	4 210	213	2.86	177	2.38	170.1	8.5	0.1	46 919	39 205	0.86	1 633	3.55
Aug.	7 472	3 254	4 218	198	2.64	190	2.54	185.3	8.3	0.2	45 713	39 318	1.40	1 587	3.32
Sept.	7 467	3 249	4 218	191	2.56	196	2.62	162.0	8.2	0.3	45 205	39 135	0.99	1 588	4.54
Oct.	7 474	3 251	4 223	171	2.29	164	2.19	160.5	9.7	1.5	43 069	39 362	1.08	1 863	19.12
Nov.	7 487	3 261	4 226	152	2.03	139	1.85	176.5	9.3	1.5	43 876	39 464	1.62	1 822	21.63
Dec.	7 496	3 262	4 234	137	1.84	129	1.72	176.4	9.1	1.0	47 728	39 729	1.53	1 786	16.20
2017 Jan.~ July [Ⓢ]	7 524	3 271	4 253	181	2.41	168	2.24	166.1	8.0	-0.2	52 752	39 754	1.62	1 696	7.41
Jan.	7 500	3 256	4 244	151	2.01	147	1.95	153.0	8.1	0.0	93 144	39 679	1.37	1 707	11.42
Feb.	7 493	3 257	4 236	162	2.16	169	2.25	149.0	7.7	0.3	45 720	39 362	1.88	1 654	13.60
Mar.	7 509	3 266	4 243	201	2.67	185	2.46	185.1	8.0	-0.1	44 144	39 781	1.46	1 693	6.41
Apr.	7 517	3 269	4 248	176	2.34	168	2.23	153.9	8.1	-0.4	44 359	39 826	1.49	1 719	5.27
May	7 525	3 271	4 254	165	2.19	156	2.07	168.0	8.1	-0.4	48 848	39 883	1.59	1 731	6.52
June	7 540	3 279	4 261	176	2.33	161	2.14	182.6	7.8	-0.4	44 746	39 866	1.83	1 689	6.83
July [Ⓢ]	7 586	3 300	4 287	240	3.18	193	2.56	170.9	7.8	-0.7	48 429	39 876	1.71	1 680	2.88
The change compared with the last month(value)	46	21	26	64	0.85	32	0.42	-11.7	0.0		3 683	10		-9	
The change compared with the same month of last year(value)	122	46	77	27	0.32	16	0.18	0.8	-0.7		1 510	671		47	
The change compared with the same period (Jan. ~ July) of last year(value)	96	32	64	14	0.16	6	0.06	-1.6	-0.2		1 322	634		117	
The change compared with the last month(rate)	0.62	0.63	0.61	36.41		19.56		-6.41	0.00		8.23	0.03		-0.53	
The change compared with the same month of last year(rate)	1.64	1.41	1.81	12.74		8.74		0.47	-8.24		3.22	1.71		2.88	
The change compared with the same period (Jan. ~ July) of last year(rate)	1.30	1.01	1.53	8.40		3.90		-0.95	-2.44		2.57	1.62		7.41	

Notes: 1. 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.

2. 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.

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

4. Due to the samples replacement of the Employees' Earnings Survey in July 2017, all figures were preliminary in that month, noted by [Ⓢ].