

Earnings and Productivity Statistics in August 2017

I. Abstract

- i. **At the end of August, the total payroll employees was 7,597 thousand**, increased by 10 thousand or 0.14% from last month. Comparing with the same month of last year, it increased 125 thousand or 1.68%. The average payroll employees since January was 7,534 thousand, increased 101 thousand or 1.35%.
- ii. **The average total earnings (including regular and irregular earnings) in August was NT\$46,368**, 4.07% less than last month and 1.43% more than last August.
- iii. **The average regular earnings was NT\$ 40,058 in August**, 0.45% more than last month and 1.88% more than last August. The average regular earnings since January 2017 was NT\$39,793, 1.65% more than the same period of last year.
- iv. **The average working hour in August was 184.2 hours**, 13.2 hours more than last month and 1.1 hours less than last August. The average working hours since January 2017 was 168.5 hours, reduced by 1.4 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\$1,697**, 7.41% more than the same period of last year.

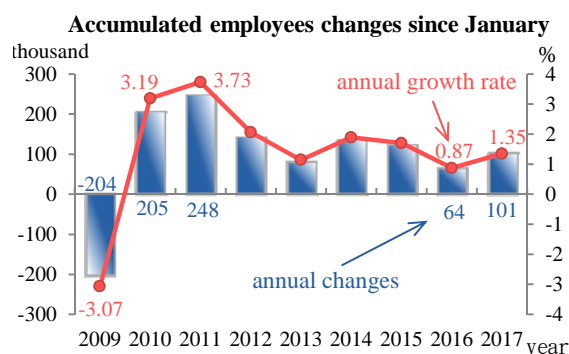
Summary of employees, earnings, and working hours of the Industrial and Services sector

	August 2017	changes of last month		changes of last August		Jan. ~ August 2017	changes of Jan.~ August 2016	
		value	rate	value	rate		value	rate
Employee (thousand)	7 597	10	0.14%	125	1.68%	7 534	101	1.35%
Average total earning (NT\$)	46 368	-1 963	-4.07%	655	1.43%	51 935	1 223	2.41%
Regular earning (NT\$)	40 058	180	0.45%	740	1.88%	39 793	647	1.65%
Overtime pay (NT\$)	1 708	30	1.79%	121	7.62%	1 697	117	7.41%
Average working hour (hour)	184.2	13.2	7.72%	-1.1	-0.59%	168.5	-1.4	-0.82%
Overtime (hour)	7.9	0.1	1.28%	-0.4	-4.82%	8.0	-0.2	-2.44%

II. Statistical Results

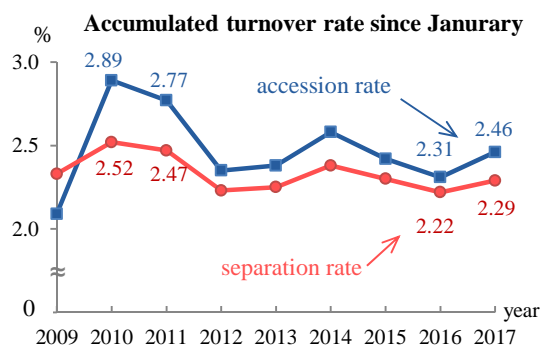
i. Employees

- (i) **At the end of August, the total payroll employees was 7,597 thousand**, increased by 10 thousand (or 0.14%) from last month. Comparing to the same month of last year, the payroll employees increased 125 thousand (or 1.68%). Observing the structure of employees by sectors, the service sector shared 56.54%.
- (ii) **The average payroll employees since January 2017 was 7,534 thousand**, increased 101 thousand (or 1.35%) than the same period of last year. The industrial sector increased by 1.06%, while the service sector increased by 1.57%. Among all industries, the largest increasing was Manufacturing of 35 thousand, followed by Wholesale and Retail Trade of 22 thousand, Accommodation and Food Service Activities of 15 thousand.



ii. Turnover

- (i) **There were 10 thousand employees increasing in August.** The accession in August was 214 thousand, 26 thousand less than last month. Meanwhile, the separation was 203 thousand, 10 thousand more than last month. Therefore, there was a net accession of 10 thousand.
- (ii) **The accession rate in August was 2.82%**, decreased by 0.36 percentage points than last month and increased by 0.18 percentage points than last August. **The separation rate in August was 2.68%**, increased by 0.12 percentage points than last month and increased 0.14 percentage points than last August.
- (iii) **The average accession rate since January 2017 was 2.46%**, **the average separation rate was 2.29%**. There were 0.15 percentage points and 0.07 percentage points increasing over the same period of last year, respectively.

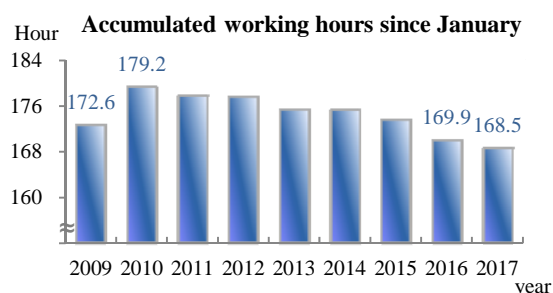


iii. Average monthly earnings

- (i) **The average total earnings in August was NT\$46,368.** The average regular earnings was NT\$40,058, irregular earnings (including year-end bonuses, performance bonuses, and overtime pay) was NT\$6,310.
- (ii) In August, the total earnings decreased 4.07% than last month and increased 1.43% than last August. The regular earning in August was 0.45% more than last month and was 1.88% more than last August.
- (iii) **The average regular earnings since January 2017 was NT\$39,793**, increased 1.65% than the same period of last year and reached the highest level in record. After deflating by the consumer price index increasing rate of 0.72%, the real regular earnings increased 0.93%.

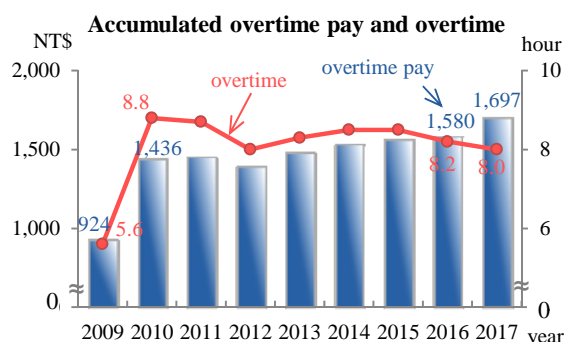
iv. Hours of work

- (i) **The average working hour in August was 184.2 hours.** As a result of more working-day than in July, the working hour in August was 13.2 hours more than last month and 1.1 hours less than last August.
- (ii) **The average working hour since January 2017 was 168.5 hours**, 1.4 hours less than the same period of last year. Between them, the regular working hours reduced by 1.2 hours, while the overtime reduced 0.2 hours.



v. Overtime and overtime pay

- (i) **The average overtime in August was 7.9 hours**, 0.1 hours more than last month and 0.4 hours less than last August. **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 August was NT\$1,708**, 1.79% more than last month and 7.62% more than the same month of last year. **The average overtime pay since January 2017 was NT\$1,697**, 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)	Annual growth rate	(thousand person)	Annual growth rate	(hour)	Overtime	Changes	(NT\$)	Annual growth rate	(NT\$)	Annual growth rate	
	(thousand person)	(%)	(thousand person)												(%)
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
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.~ Aug.	7 534	3 275	4 259	185	2.46	173	2.29	168.5	8.0	-0.2	51 935	39 793	1.65	1 697	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®	7 587	3 300	4 287	240	3.18	193	2.56	171.0	7.8	-0.7	48 333	39 878	1.72	1 678	2.76
Aug.	7 597	3 302	4 296	214	2.82	203	2.68	184.2	7.9	-0.4	46 368	40 058	1.88	1 708	7.62
The change compared with the last month(value)	10	2	9	-26	-0.36	10	0.12	13.2	0.1		-1 965	180		30	
The change compared with the same month of last year(value)	125	48	78	16	0.18	13	0.14	-1.1	-0.4		655	740		121	
The change compared with the same period (Jan. ~ Aug.) of last year(value)	101	35	66	14	0.15	7	0.07	-1.4	-0.2		1 223	647		117	
The change compared with the last month(rate)	0.14	0.06	0.20	-11.01		5.23		7.72	1.28		-4.07	0.45		1.79	
The change compared with the same month of last year(rate)	1.68	1.47	1.85	8.18		7.01		-0.59	-4.82		1.43	1.88		7.62	
The change compared with the same period (Jan. ~ Aug.) of last year(rate)	1.35	1.06	1.57	8.39		4.34		-0.82	-2.44		2.41	1.65		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 preliminary data in that month were revised in this month, noted by ®.