

Earnings and Productivity Statistics in September 2017

I. Abstract

- i. **At the end of September, the total payroll employees was 7,596 thousand**, decreased by one thousand or 0.03% from last month. Comparing with the same month of last year, it increased 129 thousand or 1.72%. The average payroll employees since January was 7,540 thousand, increased 103 thousand or 1.39%.
- ii. **The average total earnings (including regular and irregular earnings) in September was NT\$45,814**, 1.19% less than last month and 1.35% more than last September.
- iii. **The average regular earnings was NT\$ 40,116 in September**, 0.14% more than last month and 2.51% more than last September. The average regular earnings since January 2017 was NT\$39,829, 1.75% more than the same period of last year.
- iv. **The average working hour in September was 176.2 hours**, 8.0 hours less than last month and 14.2 hours more than last September. The average working hours since January 2017 was 169.3 hours, increased by 0.3 hours than the same period of last year.
- v. **The average overtime since January 2017 was 7.9 hours**, 0.3 hours less than the same period of last year. **The average overtime pay since January 2017 was NT\$1,694**, 7.15% more than the same period of last year.

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

	September 2017	changes of last month		changes of last September		Jan. ~ Sept. 2017	changes of Jan.~ Sept. 2016	
		value	rate	value	rate		value	rate
		Employee (thousand)	7 596	-1	-0.03%		129	1.72%
Average total earning (NT\$)	45 814	-554	-1.19%	609	1.35%	51 250	1 153	2.30%
Regular earning (NT\$)	40 116	58	0.14%	981	2.51%	39 829	685	1.75%
Overtime pay (NT\$)	1 664	-44	-2.58%	76	4.79%	1 694	113	7.15%
Average working hour (hour)	176.2	-8.0	-4.34%	14.2	8.77%	169.3	0.3	0.18%
Overtime (hour)	7.7	-0.2	-2.53%	-0.5	-6.10%	7.9	-0.3	-3.66%

II. Statistical Results

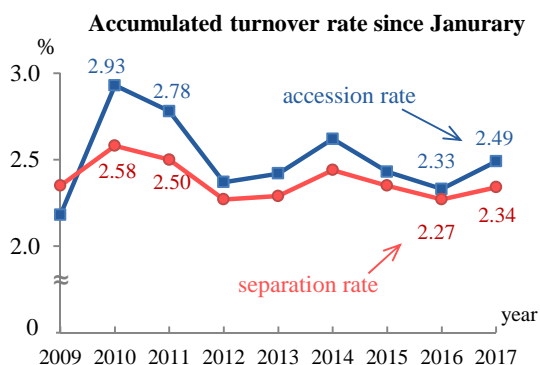
i. Employees

- (i) **At the end of September, the total payroll employees was 7,596 thousand**, decreased by one thousand (or 0.03%) from last month. Comparing to the same month of last year, the payroll employees increased 129 thousand (or 1.72%). Observing the structure of employees by sectors, the service sector shared 56.57%.
- (ii) **The average payroll employees since January 2017 was 7,540 thousand**, increased 103 thousand (or 1.39%) than the same period of last year. The industrial sector increased by 1.11%, while the service sector increased by 1.60%. Among all industries, the largest increasing was Manufacturing of 36 thousand, followed by Wholesale and Retail Trade of 23 thousand, Accommodation and Food Service Activities of 15 thousand.



ii. Turnover

- (i) **There were one thousand employees decreasing in September.** The accession in September was 202 thousand, 12 thousand less than last month. Among all industries, the Wholesale and Retail Trade reduced the most of 7 thousand, followed by Manufacturing of 6 thousand. Meanwhile, the separation was 204 thousand, one thousand more than last month. the most increased in Accommodation and Food Service Activities of 7 thousand, followed by Construction of 2 thousand. There was a net separation of one thousand people.
- (ii) **The accession rate in September was 2.66%**, decreased by 0.16 percentage points than last month and increased by 0.10 percentage points than last September. **The separation rate in September was 2.69%**, increased by 0.01 percentage points than last month and increased 0.07 percentage points than last September.
- (iii) **The average accession rate since January 2017 was 2.49%**, **the average separation rate was 2.34%**. There were 0.16 percentage points and 0.07 percentage points increasing over the same period of last year, respectively.

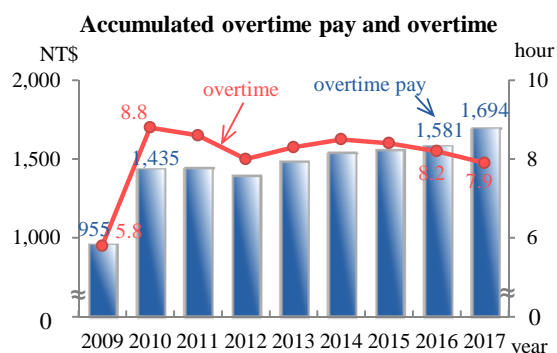
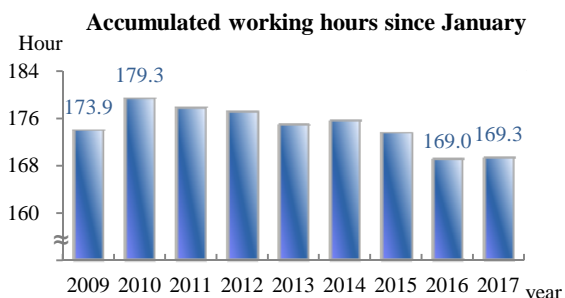


iii. Average monthly earnings

- (i) **The average total earnings in September was NT\$45,814.** **The average regular earnings was NT\$40,116, irregular earnings (including bonuses, and overtime pay) was NT\$5,698.**
- (ii) In September, the total earnings decreased 1.19% than last month and increased 1.35% than last September. The regular earning in September was 0.14% more than last month and was 2.51% more than last September.
- (iii) **The average regular earnings since January 2017 was NT\$39,829**, increased 1.75% 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 1.06%.

iv. Hours of work

- (i) **The average working hour in September was 176.2 hours**, 8.0 hours less than last month and 14.2 hours more than last September. As a result of the Mid-Autumn Festival and called off work for typhoon, the working days was less in last September.
- (ii) **The average working hour since January 2017 was 169.3 hours**, 0.3 hours more than the same period of last year. The regular working hours increased by 0.6 hours, while the overtime reduced 0.3 hours.



v. Overtime and overtime pay

- (i) **The average overtime in September was 7.7 hours**, 0.2 hours less than last month and 0.5 hours less than

last September. **The average overtime since January 2017 was 7.9 hours**, reduced 0.3 hours than the same period of last year.

- (ii) **The overtime pay in September was NT\$1,664**, 2.58% less than last month and 4.79% more than the same month of last year. **The average overtime pay since January 2017 was NT\$1,694**, 7.15% 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 (thousand person)	Industry (thousand person)	Services (thousand person)	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 (hour)	(NT\$)	Annual growth rate (%)	(NT\$)	Annual growth rate (%)	
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
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.~ Sept.	7 540	3 278	4 263	187	2.49	176	2.34	169.3	7.9	-0.3	51 250	39 829	1.75	1 694	7.15
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
Sept.	7 596	3 299	4 296	202	2.66	204	2.69	176.2	7.7	-0.5	45 814	40 116	2.51	1 664	4.79
The change compared with the last month(value)	-1	-3	0	-12	-0.16	1	0.01	-8.0	-0.2		-554	58		-44	
The change compared with the same month of last year(value)	129	50	78	11	0.10	8	0.07	14.2	-0.5		609	981		76	
The change compared with the same period (Jan. ~ Sept.) of last year(value)	103	37	67	14	0.16	7	0.07	0.3	-0.3		1 153	685		113	
The change compared with the last month(rate)	-0.03	-0.08	0.01	-5.39		0.47		-4.34	-2.53		-1.19	0.14		-2.58	
The change compared with the same month of last year(rate)	1.72	1.53	1.87	5.90		4.25		8.77	-6.10		1.35	2.51		4.79	
The change compared with the same period (Jan. ~ Sept.) of last year(rate)	1.39	1.11	1.60	8.10		4.33		0.18	-3.66		2.30	1.75		7.15	

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.