Earnings Statistics in May 2018

I. Abstract

i. **At the end of May, the total payroll employees was 7,634 thousand,** increased by 7 thousand (or 0.09%) from last month.

ii. **In May, the average regular earnings of full-time employees with Taiwan nationality (excluding foreigners and part-time employees) was NT$43,049. After plus onto by irregular earnings such as bonuses and overtime pay, the total earnings came to NT$50,464.**

iii. **The average regular earnings of all employees (including full-time employees and part-time employees with Taiwan nationality or foreigners) in May was NT$40,874, 2.48% more than last May.** If plus onto by the irregular earnings such as bonuses and overtime pay, the total earnings came to NT$47,958, decreased by 1.82% than last May, mainly due to more companies gave Dragon Boat Festival bonuses in last May. **The average regular earnings of all employees since January 2018 was NT$40,720, increased by 2.55% and increased by 3.20% on total earnings.**

iv. **The average total working hour of all employees in May was 178.8 hours,** 10.8 hours more than last May**.**

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

		May 2018 Ⓟ	changes from previous month		changes from last May		Jan.~ May 2018	changes from Jan.~ May 2017	
			value	rate	value	rate		value	rate
Full-time Employees with Taiwan Nationality	Average total earnings (NT$)	50 464	2 506	5.23%	…	…	60 138	…	…
	Regular earning（NT$）	43 049	132	0.31%	…	…	42 905	…	…
All Employees	Employee（thousand）	7 634	7	0.09%	109	1.45%	7 628	119	1.58%
	Average total earnings (NT$)	47 958	2 399	5.27%	-890	-1.82%	56 998	1 765	3.20%
	Regular earnings（NT$）	40 874	148	0.36%	991	2.48%	40 720	1 013	2.55%
	Overtime pay（NT$）	1 813	-3	-0.17%	82	4.74%	1 777	76	4.47%
	Average working hours (hour)	178.8	25.2	16.41%	10.8	6.43%	164.8	3.0	1.85%
	Overtime (hour)	8.2	0.0	0.00%	0.1	1.23%	8.0	0.0	0.00%
Part-time Employees	Average total earnings (NT$)	18 962	1 236	6.97%	…	…	19 086	…	…
	Regular earning（NT$）	18 231	1 076	6.27%	…	…	17 450	…	…

Note: (1) Full-time employees with Taiwan nationality and part-time employee statistics started in July 2017, while released since January 2018.

(2) Ⓟ denotes preliminary data

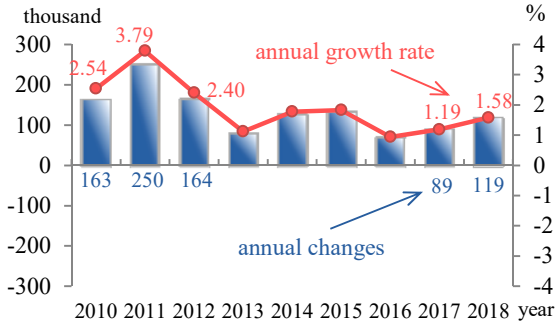
II. Statistical Results

i. Employees

(i) **At the end of May, the total payroll employees was 7,634 thousand**, increased by 7 thousand (or 0.09%) from last month and increased by 109 thousand (or 1.45%) from the same month of last year.

(ii) **The average payroll employees since January 2018 was 7,628 thousand,** increased 119 thousand (or 1.58%) than the same period of last year. The industrial sector increased by 1.42%, while the service sector increased by 1.71%. Observing by

Average employees changes of Jan. ~ May



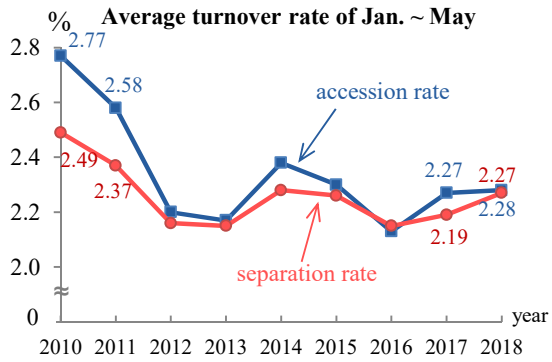
industries, the Manufacturing increased 43 thousand, among it, the Manufacture of Electronic Parts & Components increased by 15 thousand, Manufacture of Machinery & Equipment increased by 6 thousand. Wholesale increased 14 thousand, Accommodation and Food Service Activities increased 13 thousand, and Human Health Activities increased 12 thousand.

ii. Turnover

(i) **There were 7 thousand employees net increasing in May.** The accession based on newly hired or recalled reasons in May was 169 thousand, 15 thousand less than previous month. Among all industries, the Manufacturing decreased the most of 5 thousand, followed by Support Service Activities of 4 thousand. The separation with quit, layoff, or retire reasons was 162 thousand, 20 thousand less than previous month. Among all industries, mostly decreased in Manufacturing, Wholesale and Retail Trade of 3 thousand. After separation and accession offset of every industry, the employees showed a net increase of 7 thousand.

(ii) **The accession rate in May was 2.21%,** 0.20 percentage points less than previous month and increased by 0.02 percentage points than last May. Meanwhile, **the separation rate was 2.12%,** 0.27 percentage points less than previous month and 0.05 percentage points more than the same month of last year.

(iii) **The average accession rate since January 2018 was 2.28%, and the average separation rate was 2.27%.** Compared with the same period of last year, they were 0.01 and 0.08 percentage points increase respectively.



iii. Average monthly earnings

(i) **In May, the average regular earnings of full-time employees with Taiwan nationality was NT$43,049,** 0.31% more than last month. **After plus onto by irregular earnings such as bonuses and overtime pay, the total earnings came to NT$50,464,** 5.23% more than previous month. The average regular earnings since January was NT$42,905.

(ii) **The average regular earnings of all employees (including full-time employees and part-time employees with Taiwan nationality or foreigners) in May was NT$40,874,** 0.36% more than previous month and 2.48% more than the same month of last year. The irregular earnings in May was NT$7,084, although it was 46.58% more than last month, while it was 20.98% less than the same month of last May, mainly due to more companies gave Dragon Boat Festival bonuses in last May. After combined regular and irregular earnings, the total earnings came to NT$47,958, increased by 5.27% and decreased by 1.82% from previous month and the same month of last year respectively.

(iii) **The average regular earnings of all employees since January 2018 was NT$40,720,** increased 2.55% than the same period of last year. After deflating by the consumer price index increasing rate of 1.67%, the real regular earnings increased 0.87% and the real total earnings growth was 1.50%.

(iv) **Since with fewer working hours, the average regular earnings of part-time employees in May was NT$18,231. The hourly regular earnings was NT$172 on average,** an decreasing of 1.15% than previous month. **Plus onto by bonuses, and overtime pays, the average total earnings was NT$18,962,** 6.97% more than previous month and about 39.5% of all employees. The average regular earnings since January 2018 was NT$17,450.

Summary of earnings, and working hours of the Industrial and Services sector
By employment type

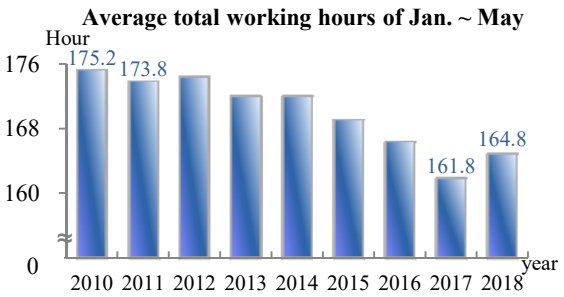
	Dec. 2017	Jan. 2018	Feb. 2018	March 2018	April 2018 ®	May 2018 Ⓟ	change from last month (%)	change from last May (%)
Full-time employees with Taiwan Nationality								
Person (thousand)	6 838	6 838	6 819	6 840	6 834	6 834	0.00	…
Average total earnings（NT$）	51 795	62 436	91 406	48 501	47 958	50 464	5.23	…
Regular earnings（NT$）	42 747	42 978	42 679	42 899	42 917	43 049	0.31	…
All employees								
Person (thousand)	7 630	7 638	7 614	7 626	7 627	7 634	0.09	1.45
Average total earnings（NT$）	49 083	59 093	86 304	46 132	45 559	47 958	5.27	-1.82
Regular earnings（NT$）	40 557	40 774	40 451	40 775	40 726	40 874	0.36	2.48
Average working hours（hour）	172.2	178.8	129.5	183.3	153.6	178.8	16.41	6.43
Part-time employees								
Person(thousand)	358	367	363	351	355	358	1.02	…
Total earnings（NT$）	19 096	19 761	20 036	18 897	17 726	18 962	6.97	…
Regular earnings（NT$）	17 839	17 578	16 213	18 095	17 155	18 231	6.27	…
Total working hours（hour）	108.5	106.0	93.9	108.2	100.0	107.1	7.10	…
Total hourly earnings（NT$）	176	186	213	175	177	177	0.00	…
Regular hourly earnings（NT$）	166	168	176	169	174	172	-1.15	…

Note: (1) Total hourly earnings = total earnings / total working hours; Regular hourly earnings = regular earnings / regular working hours .
(2) ®: revised; Ⓟ: preliminary

iv. Hours of work

(i) **The average total working hour of all employees in May was 178.8 hours, 25.2** hours more than previous month and 10.8 hours more than last May, mainly affected by more holidays happened last month, such as tomb sweeping day and children's day.

(ii) **The average total working hour since January 2018 was 164.8 hours,** 3.0 hours more than the same period of last year. The regular working hours increased by 3.0 hours, while the overtime remained unchanged.

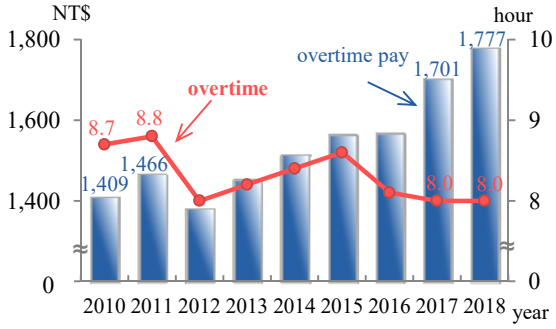


v. Overtime and overtime pay

(i) **The average overtime of all employees in May was 8.2 hours,** remained unchanged than previous month and 0.1 hours more than last May. **The average overtime since January 2018 was 8.0 hours,** unchanged than the same period of last year.

(ii) **The overtime pay in May was NT$1,813, 0.17%** less than previous month and 4.74% more than the same month of last year. **The average overtime pay since January 2018 was NT$1,777,** 4.47% more than the same period of last year.

Average overtime pay and overtime of Jan. ~ May



Released on 10th of every month

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				
									Overtime			Regular earnings		Overtime pay	
										Changes			Annual growth rate		Annual growth rate
	(thousand person)	(thousand person)	(thousand person)	(thousand person)	(%)	(thousand person)	(%)	(hour)	(hour)	(hour)	(NT$)	(NT$)	(%)	(NT$)	(%)
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
Average 2017	7 560	3 285	4 275	181	2.39	169	2.24	169.6	8.0	-0.5	49 989	39 953	1.82	1 709	4.08
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
Oct.	7 604	3 302	4 302	178	2.34	169	2.22	161.0	8.1	-1.6	44 517	40 197	2.12	1 746	-6.28
Nov.	7 621	3 308	4 313	159	2.09	143	1.88	177.7	8.0	-1.3	45 133	40 219	1.91	1 751	-3.90
Dec.	7 630	3 310	4 320	144	1.90	136	1.78	172.2	8.1	-1.0	49 083	40 557	2.08	1 761	-1.40
2018(Jan. ~ May)Ⓟ	7 628	3 310	4 318	174	2.28	173	2.27	164.8	8.0	0.0	56 998	40 720	2.55	1 777	4.47
Jan.	7 638	3 313	4 326	164	2.16	156	2.04	178.8	8.1	0.0	59 093	40 774	2.76	1 764	3.34
Feb.	7 614	3 301	4 313	145	1.90	170	2.22	129.5	7.4	-0.3	86 304	40 451	2.77	1 653	-0.06
Mar.	7 626	3 310	4 315	207	2.72	195	2.56	183.3	8.3	0.3	46 132	40 775	2.50	1 841	8.74
Apr. Ⓡ	7 627	3 311	4 316	184	2.41	182	2.39	153.6	8.2	0.1	45 559	40 726	2.26	1 816	5.64
May Ⓟ	7 634	3 315	4 319	169	2.21	162	2.12	178.8	8.2	0.1	47 958	40 874	2.48	1 813	4.74
The change compared with the last month(value)	7	4	3	- 15	-0.20	- 20	-0.27	25.2	0.0		2 399	148		- 3	
The change compared with the same month of last year(value)	109	44	65	4	0.02	6	0.05	10.8	0.1		- 890	991		82	
The change compared with the same period (Jan. ~ May) of last year(value)	119	46	73	3	0.01	8	0.08	3.0	0.0		1 765	1 013		76	
The change compared with the last month(rate)	0.09	0.13	0.07	-8.15		-11.32		16.41	0.00		5.27	0.36		-0.17	
The change compared with the same month of last year(rate)	1.45	1.35	1.52	2.38		3.48		6.43	1.23		-1.82	2.48		4.74	
The change compared with the same period (Jan. ~ May) of last year(rate)	1.58	1.42	1.71	1.71		4.83		1.85	0.00		3.20	2.55		4.47	

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, annul 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. Ⓡ denotes revised data,Ⓟ denotes preliminary data.