

## Earnings and Productivity Statistics in May 2017

### I. Abstract

- i. **At the end of May, the total payroll employees was 7,525 thousand**, increased by 8 thousand or 0.12% from last month. Comparing with the same month of last year, it increased 102 thousand or 1.38%. The average payroll employees since January was 7,509 thousand, increased 89 thousand or 1.19%.
- ii. **The average total earnings (including regular and irregular earnings) in May was NT\$48,848**, 10.12% more than last month and 6.59% more than last May.
- iii. **The average regular earnings was NT\$ 39,883 in May**, 0.14% more than last month and 1.59% more than last May. The average regular earnings since January 2017 was NT\$39,707, 1.56% more than the same period of last year.
- iv. **The average working hour in May was 168.0 hours**, 14.1 hours more than last month and 7.9 hours less than last May. The average working hours since January 2017 was 161.8 hours, reduced by 4.5 hours than the same period of last year.
- v. **The average overtime since January 2017 was 8.0 hours**, 0.1 hours less than the same period of last year. **The average overtime pay since January 2017 was NT\$1,701**, 8.55% more than the same period of last year.

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

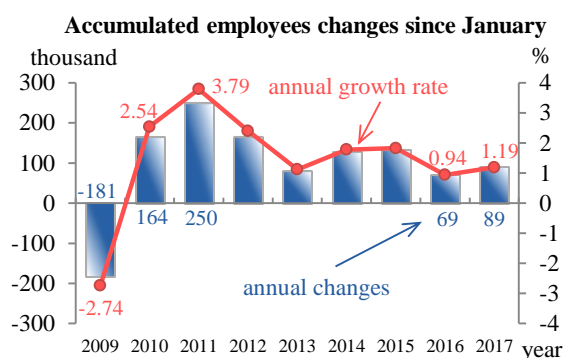
	May 2017			Jan~May 2017	
		changes of last month	changes of last May		changes of Jan~May 2016
Employee (thousand)	7 525	0.12%	1.38%	7 509	1.19%
Average total earning (NT\$)	48 848	10.12%	6.59%	55 233	3.00%
Regular earning (NT\$)	39 883	0.14%	1.59%	39 707	1.56%
Overtime pay (NT\$)	1 731	0.70%	6.52%	1 701	8.55%
Average working hour (hour)	168.0	14.1 hours	-7.9 hours	161.8	-4.5 hours
Overtime (hour)	8.1	0.0 hours	-0.4 hours	8.0	-0.1 hours

### II. Statistical Results

#### i. Employees

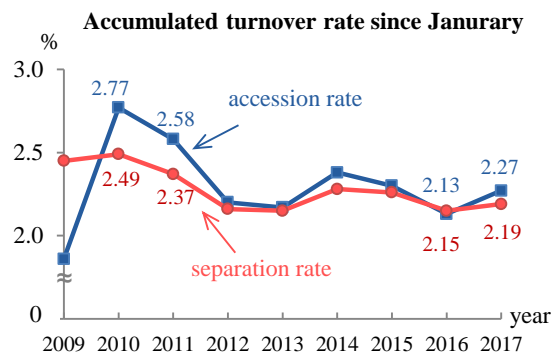
(i) **At the end of May, the total payroll employees was 7,525 thousand**, increased by 8 thousand (or 0.12%) from last month. Comparing to the same month of last year, the payroll employees increased 102 thousand (or 1.38%). Observing by the structure of employees by sectors, the service sector shared 56.53%.

(ii) **The average payroll employees since January 2017 was 7,509 thousand**, increased 89 thousand (or 1.19%) than the same period of last year. The industrial sector increased by 0.88%, while the service sector increased by 1.44%. Among all industries, the largest increasing was Manufacturing of 28 thousand, followed by Wholesale and Retail Trade of 18 thousand, Accommodation and Food Service Activities of 15 thousand.



## ii. Turnover

- (i) **There was a net accession of 8 thousand employees in May.** The accession in May was 165 thousand, 11 thousand less than last month. Meanwhile, the separation was 156 thousand, 12 thousand less than last month. Therefore, there was a net accession of 8 thousand.
- (ii) **The accession rate in May was 2.19%**, decreased by 0.15 percentage points than last month and increased by 0.05 percentage points than last May. **The separation rate in May was 2.07%**, decreased by 0.16 percentage points than last month and remained the same as in last May.
- (iii) **The average accession rate since January 2017 was 2.27%**, the average separation rate was **2.19%**. There were 0.14 percentage points and 0.04 percentage points increasing over the same period of last year, respectively.



## iii. Average monthly earnings

- (i) **The average total earnings in May was NT\$48,848.** The average regular earnings was NT\$39,883, irregular earnings (including year-end bonuses, performance bonuses, and overtime pay) was NT\$8,965.
- (ii) In May, the total earnings increased 10.12% than last month and increased 6.59% than last May. The regular earnings in May increased 0.14% than last month and increased 1.59% than last May.
- (iii) **The average regular earnings since January 2017 was NT\$39,707**, increased 1.56% than the same period of last year and reached the highest level in record. After deflating by the consumer price index increasing rate of 0.60%, the real regular earnings increased 0.95%.

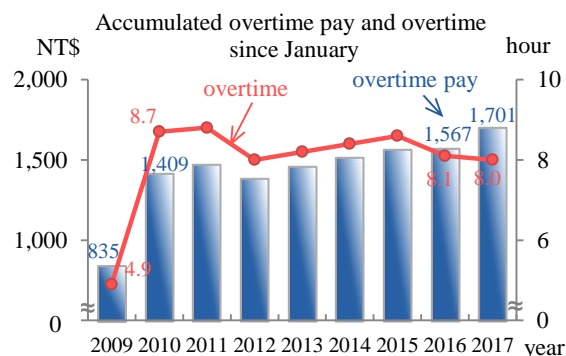
## iv. Hours of work

- (i) **The average working hour in May was 168.0 hours.** Mainly affected by Ching-Ming Festival long weekend of last month, the working hour in May was 14.1 hours more than last month and 7.9 hours less than last May.
- (ii) The average working hour since January 2017 was 161.8 hours, 4.5 hours less than the same period of last year. Between them, the regular working hours reduced by 4.4 hours, while the overtime reduced 0.1 hours.



## v. Overtime and overtime pay

- (i) **The average overtime in May was 8.1 hours**, same as last month and 0.4 hours less than last May. **The average overtime since January 2017 was 8.0 hours**, reduced 0.1 hours than the same period of last year.



**(ii) The overtime pay in May was NT\$1,731, 0.70% more than last month and 6.52% more than the same month of last year. The average overtime pay since January 2017 was NT\$1,701, 8.55% 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\$)	(NT\$)	Annual growth rate (%)	(NT\$)	Annual growth rate (%)
Average 2003	5 785	2 808	2 977	139	2.39	125	2.15	181.3	9.2	0.3	42 065	34 804	0.17	1 426	5.01
Average 2004	6 026	2 901	3 125	145	2.40	126	2.08	183.5	10.0	0.8	42 680	35 096	0.84	1 581	10.87
Average 2005	6 201	2 933	3 268	159	2.57	146	2.34	181.9	9.5	-0.5	43 159	35 382	0.81	1 513	-4.30
Average 2006	6 373	2 979	3 395	170	2.67	157	2.44	180.9	9.1	-0.4	43 488	35 724	0.97	1 453	-3.97
Average 2007	6 524	3 024	3 501	168	2.58	155	2.38	180.4	9.0	-0.1	44 392	36 319	1.67	1 472	1.31
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
May	7 423	3 237	4 186	159	2.14	154	2.07	175.9	8.5	-0.1	45 828	39 260	1.61	1 625	3.37
June	7 429	3 239	4 190	165	2.22	159	2.14	172.1	8.2	-0.2	44 998	39 151	0.82	1 581	2.93
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.~ May	7 509	3 264	4 245	171	2.27	165	2.19	161.8	8.0	-0.1	55 233	39 707	1.56	1 701	8.55
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
The change compared with the last month(%)	0.12	0.08	0.14	-6.21	(-0.15)	-7.06	(-0.16)	(14.1)	(0.0)		10.12	0.14		0.70	
The change compared with the same month of last year(%)	1.38	1.07	1.62	3.98	(0.05)	1.65	(0.00)	(-7.9)	(-0.4)		6.59	1.59		6.52	
The change compared with the same period (Jan. ~ May) of last year(%)	1.19	0.88	1.44	7.66	(0.14)	3.29	(0.04)	(-4.5)	(-0.1)		3.00	1.56		8.55	

Notes: 1. Numbers in quotation are working hour increased / 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.