

Earnings and Productivity Statistics in June 2016

At the end of June 2016, the total nonagricultural payroll employees, at 7,429 thousand, increased by 6 thousand (or 0.08%) from last month. In comparison with June 2015, payroll employees increased by 60 thousand (or 0.82%). The average payroll employees since January 2016 was 7,422 thousand, increased by 68 thousand (or 0.92%) than the same period of last year. The average monthly working hour for industry and service sector in June 2016 totaled to 172.1 hours, which decreased by 3.8 hours from last month and decreased by 5.2 hours from last year. The average working-hour since January 2016 was 167.2 hours, 3.1 hours less than the same period of last year. The average monthly regular earnings per employee within the industry and service sector in June 2016 were NT\$39,151. Comparing with last month and a year ago, there were 0.28% decreasing and 0.82% increasing respectively. The average monthly earnings (including regular and irregular earnings) in June was NT\$44,998, decreased by 1.81% from last month and increased by 0.94% from last June. Comparing the same period of January to June over last year, the average monthly regular earnings of NT\$39,106 was increased by 1.45%. And the average monthly earnings was NT\$52,186, reduced by 0.06%. The salaried-workers/supervisory staffs was NT\$70,808 and the wage-earners/nonsupervisory staffs was NT\$41,207.

Employees

At the end of June 2016, total nonagricultural payroll employees, at 7,429 thousand, increased by 6 thousand (or 0.07%) from last month. Among all industries, the service sector shared 56.40%. Comparing to the same month of last year, the payroll employees increased 60 thousand (or 0.82%). The average payroll employees since January 2016 was 7,422 thousand, increased by 68 thousand (or 0.92%) than the same period of last year. The industry sector increased 0.13%, while the service sector increased by 1.54%. Among all industries, the largest increasing in payroll employees was Wholesale and Retail Trade (16 thousand), followed by Accommodation and Food Service Activities (15 thousand) and Human Health Activities (9 thousand).

Turnover Rate

The average accession rate within industry and service sector in June 2016 was 2.22%, increased by 0.08 percentage point from last month and decreased by 0.09 percentage point from last June, while the separation rate of June was 2.14%, increased by 0.07 percentage point from last month and decreased by 0.10 percentage point than last June. Comparing the same period of January to June over last year, the average accession rate was 2.15 percent, down by 0.15 percentage point. Between them, the industrial sector decreased by 0.13 percentage point, while the service sector decreased by 0.16 percentage point. The average separation rate was 2.15%, down by 0.10 percentage point. The industrial sector reduced 0.12 percentage point, while the service sector decreased 0.09 percentage point.

Earnings

The average monthly regular earnings per employee within the industry and service sector in June 2016 was NT\$39,151. Comparing with last month and a year ago, there was 0.28% decreasing and 0.82% increasing respectively. The average monthly earnings (including regular and irregular earnings) in June was NT\$44,998, decreased by 1.81% from last month and increased by 0.94% from last June.

Comparing the same period of January to June over last year, the average monthly regular earnings of NT\$39,106 was increased by 1.45% and reached the highest level in record. The average monthly earnings was NT\$52,186, reduced by 0.06%. Mainly effected by the economic recession during the second half of 2015, the year-end bonuses and performance bonuses were given less in the beginning of this year. Among them, the average earnings of salaried-workers/supervisory staffs was NT\$70,808 and wage-earners/nonsupervisory staffs was NT\$41,207. After deflating by the consumer price index increasing rate of 1.55%, the average real regular earnings and the average real earnings were 0.10% and 1.58% less than the same period of last year, respectively.

Hours of work

The average monthly working hour for industry and service sector in June 2016 totaled to 172.1 hours, 3.8 hours less than last month and 5.2 hours less than last year. The average working-hour since January 2016 was 167.2 hours, 3.1 hours less than the same period of last year. Included in the average working-hour, the regular working hours reduced by 2.7 hours while the overtime reduced 0.4 hours.

Labor Productivity and Unit Output Labor Cost

In June 2016, the manufacturing sector's labor productivity index was 108.44 (2011=100), increased by 1.98% from last month and up by 5.74% from the same month of last year. The manufacturing unit output labor cost index was 95.15 (2011=100), down by 0.28% from last month and down by 0.71% from the same month of last year.

The average labor productivity index since January 2016 was 0.04% slightly more than the same period of last year, while the unit output labor cost index since January 2016 was reported 2.56% increasing.

Table 1 Summary of Earnings and Productivity Statistics in Taiwan Area

| Year and month | Employees on payrolls | | | Industry & services | | | | | | Manufacturing | | | | CPI (2011=100) |
|--|--|-------------------------------|-------------------------------|---|-------------------|--------------------|--|------------------------|-------|--|---|---|---|-------------------|
| | Industry & Services (thousand person) | Industry (thousand person) | Services (thousand person) | Monthly working hours of each employee (hour) | Accessions (%) | Separations (%) | Monthly earnings of each employee (NT\$) | | | Employees on payrolls (thousand person) | Monthly earnings of each employee (NT\$) | Index of labor productivity (2011=100) | Index of unit output labor cost (2011=100) | |
| | | | | | | | Regular earnings (NT\$) | Annual growth rate (%) | | | | | | |
| | | | | | | | | | | | | | | |
| Average 2002 | 5 650 | 2 762 | 2 888 | 181.4 | 2.28 | 2.07 | 41 530 | 34 746 | 0.75 | 2 319 | 38 435 | 64.23 | 135.84 | 89.64 |
| Average 2003 | 5 785 | 2 808 | 2 977 | 181.3 | 2.39 | 2.15 | 42 065 | 34 804 | 0.17 | 2 373 | 39 549 | 68.56 | 130.53 | 89.39 |
| Average 2004 | 6 026 | 2 901 | 3 125 | 183.5 | 2.40 | 2.08 | 42 680 | 35 096 | 0.84 | 2 461 | 40 657 | 71.83 | 126.56 | 90.83 |
| Average 2005 | 6 201 | 2 933 | 3 268 | 181.9 | 2.57 | 2.34 | 43 159 | 35 382 | 0.81 | 2 479 | 41 858 | 74.40 | 127.30 | 92.92 |
| Average 2006 | 6 373 | 2 979 | 3 395 | 180.9 | 2.67 | 2.44 | 43 488 | 35 724 | 0.97 | 2 510 | 42 393 | 77.43 | 124.89 | 93.48 |
| Average 2007 | 6 524 | 3 024 | 3 501 | 180.4 | 2.58 | 2.38 | 44 392 | 36 319 | 1.67 | 2 541 | 43 178 | 83.03 | 118.64 | 95.16 |
| Average 2008 | 6 632 | 3 045 | 3 587 | 179.7 | 2.35 | 2.46 | 44 367 | 36 387 | 0.19 | 2 557 | 43 121 | 82.93 | 120.42 | 98.51 |
| Average 2009 | 6 466 | 2 873 | 3 593 | 176.7 | 2.25 | 2.28 | 42 182 | 35 629 | -2.08 | 2 395 | 39 125 | 83.87 | 111.31 | 97.66 |
| Average 2010 | 6 691 | 2 990 | 3 701 | 181.1 | 2.83 | 2.50 | 44 359 | 36 214 | 1.64 | 2 494 | 42 300 | 96.88 | 98.84 | 98.60 |
| Average 2011 | 6 926 | 3 097 | 3 829 | 178.7 | 2.61 | 2.38 | 45 508 | 36 689 | 1.31 | 2 593 | 43 316 | 100.00 | 100.00 | 100.00 |
| Average 2012 | 7 049 | 3 129 | 3 919 | 178.4 | 2.27 | 2.18 | 45 589 | 37 151 | 1.26 | 2 619 | 43 689 | 99.34 | 102.25 | 101.93 |
| Average 2013 | 7 138 | 3 152 | 3 986 | 177.0 | 2.34 | 2.21 | 45 664 | 37 527 | 1.01 | 2 635 | 43 829 | 99.37 | 102.53 | 102.74 |
| Average 2014 | 7 275 | 3 207 | 4 068 | 177.9 | 2.51 | 2.35 | 47 300 | 38 208 | 1.81 | 2 687 | 45 207 | 103.46 | 101.09 | 103.97 |
| Average 2015 | 7 385 | 3 239 | 4 147 | 175.3 | 2.33 | 2.23 | 48 490 | 38 716 | 1.33 | 2 717 | 46 781 | 102.52 | 107.38 | 103.65 |
| June | 7 369 | 3 238 | 4 131 | 177.3 | 2.31 | 2.24 | 44 581 | 38 833 | 1.67 | 2 716 | 42 468 | 102.55 | 95.83 | 103.84 |
| July | 7 412 | 3 253 | 4 159 | 187.0 | 3.01 | 2.43 | 46 964 | 38 869 | 0.89 | 2 729 | 49 334 | 98.92 | 109.45 | 103.74 |
| Aug. | 7 418 | 3 250 | 4 168 | 178.2 | 2.61 | 2.52 | 44 882 | 38 775 | 1.27 | 2 726 | 43 858 | 99.31 | 102.39 | 104.39 |
| Sept. | 7 409 | 3 242 | 4 167 | 173.5 | 2.47 | 2.60 | 44 759 | 38 750 | 0.95 | 2 719 | 43 117 | 100.21 | 101.70 | 105.11 |
| Oct. | 7 412 | 3 243 | 4 169 | 178.0 | 2.18 | 2.13 | 42 888 | 38 941 | 1.20 | 2 719 | 40 680 | 100.94 | 93.72 | 105.20 |
| Nov. | 7 421 | 3 243 | 4 178 | 176.5 | 1.99 | 1.88 | 42 545 | 38 834 | 1.45 | 2 718 | 41 146 | 99.26 | 97.30 | 104.47 |
| Dec. | 7 427 | 3 243 | 4 185 | 188.1 | 1.82 | 1.74 | 46 736 | 39 129 | 1.04 | 2 717 | 43 879 | 96.60 | 100.15 | 103.70 |
| 2016 Jan. ~ June | 7 422 | 3 236 | 4 186 | 167.2 | 2.15 | 2.15 | 52 186 | 39 106 | 1.45 | 2 715 | 49 807 | 106.11 | 116.76 | 104.46 |
| Jan. | 7 431 | 3 240 | 4 191 | 173.8 | 2.00 | 1.95 | 75 321 | 39 141 | 1.54 | 2 717 | 74 735 | 101.00 | 177.44 | 103.12 |
| Feb. | 7 412 | 3 231 | 4 181 | 132.9 | 1.82 | 2.08 | 59 508 | 38 636 | 1.28 | 2 712 | 56 609 | 113.41 | 159.10 | 105.12 |
| Mar. | 7 417 | 3 235 | 4 182 | 186.3 | 2.52 | 2.45 | 43 880 | 39 208 | 1.78 | 2 714 | 40 798 | 100.52 | 90.24 | 104.47 |
| Apr. | 7 418 | 3 234 | 4 184 | 162.3 | 2.21 | 2.20 | 43 560 | 39 241 | 1.68 | 2 712 | 40 694 | 109.43 | 95.18 | 104.81 |
| May | 7 423 | 3 237 | 4 186 | 175.9 | 2.14 | 2.07 | 45 828 | 39 260 | 1.61 | 2 715 | 43 107 | 106.33 | 95.42 | 104.42 |
| June | 7 429 | 3 239 | 4 190 | 172.1 | 2.22 | 2.14 | 44 998 | 39 151 | 0.82 | 2 717 | 42 883 | 108.44 | 95.15 | 104.79 |
| The change compared with the last month(%) | 0.08 | 0.08 | 0.09 | (-3.8) | (0.08) | (0.07) | -1.81 | -0.28 | | 0.07 | -0.52 | 1.98 | -0.28 | 0.35 |
| The change compared with the same month of last year(%) | 0.82 | 0.04 | 1.42 | (-5.2) | (-0.09) | (-0.10) | 0.94 | 0.82 | | 0.02 | 0.98 | 5.74 | -0.71 | 0.91 |
| The change compared with the same period (Jan. ~ June) of last year(%) | 0.92 | 0.13 | 1.54 | (-3.1) | (-0.15) | (-0.10) | -0.06 | 1.45 | | 0.11 | -0.19 | 0.04 | 2.56 | 1.55 |

Notes: 1. Numbers in quotation are time-increased, time-decreased or percentage.

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

Unit of compiled: DGBAS, EXECUTIVE YUAN

Date of compiled: Aug. 22, 2016

Table 2 Non-agricultural payroll employee's January to June accumulated earnings statistics

| Year | (A) | | (B) | | (A)/(C)×100 | | (B)/(C) | | (C) | |
|------|--|------------------------|--|------------------------|--|------------------------|--|------------------------|----------------|------------------------|
| | Monthly earnings of each employee (NT\$) | Annual Growth rate (%) | Regular earnings of each employee (NT\$) | Annual Growth rate (%) | Real earnings of each employee, at 2011 price (NT\$) | Annual Growth rate (%) | Real regular earnings of each employee, at 2011 price (NT\$) | Annual Growth rate (%) | CPI (2011=100) | Annual Growth rate (%) |
| 1997 | 41 225 | 5.46 | 30 723 | 4.48 | 47 576 | 4.04 | 35 456 | 3.07 | 86.65 | 1.37 |
| 1998 | 42 965 | 4.22 | 31 779 | 3.44 | 48 774 | 2.52 | 36 076 | 1.75 | 88.09 | 1.66 |
| 1999 | 43 484 | 1.21 | 32 746 | 3.04 | 49 235 | 0.95 | 37 077 | 2.77 | 88.32 | 0.26 |
| 2000 | 45 069 | 3.65 | 33 789 | 3.19 | 50 464 | 2.50 | 37 833 | 2.04 | 89.31 | 1.12 |
| 2001 | 44 821 | -0.55 | 34 223 | 1.28 | 50 040 | -0.84 | 38 208 | 0.99 | 89.57 | 0.29 |
| 2002 | 44 086 | -1.64 | 34 710 | 1.42 | 49 236 | -1.61 | 38 765 | 1.46 | 89.54 | -0.03 |
| 2003 | 44 315 | 0.52 | 34 631 | -0.23 | 49 569 | 0.68 | 38 737 | -0.07 | 89.40 | -0.16 |
| 2004 | 45 269 | 2.15 | 35 005 | 1.08 | 50 210 | 1.29 | 38 825 | 0.23 | 90.16 | 0.85 |
| 2005 | 46 251 | 2.17 | 35 286 | 0.80 | 50 371 | 0.32 | 38 430 | -1.02 | 91.82 | 1.84 |
| 2006 | 46 730 | 1.04 | 35 594 | 0.87 | 50 172 | -0.40 | 38 216 | -0.56 | 93.14 | 1.44 |
| 2007 | 47 343 | 1.31 | 36 105 | 1.44 | 50 515 | 0.68 | 38 524 | 0.81 | 93.72 | 0.62 |
| 2008 | 47 913 | 1.20 | 36 580 | 1.32 | 49 212 | -2.58 | 37 572 | -2.47 | 97.36 | 3.88 |
| 2009 | 44 160 | -7.83 | 35 391 | -3.25 | 45 554 | -7.43 | 36 508 | -2.83 | 96.94 | -0.43 |
| 2010 | 47 358 | 7.24 | 36 080 | 1.95 | 48 280 | 5.98 | 36 783 | 0.75 | 98.09 | 1.19 |
| 2011 | 48 851 | 3.15 | 36 490 | 1.14 | 49 087 | 1.67 | 36 666 | -0.32 | 99.52 | 1.46 |
| 2012 | 48 674 | -0.36 | 37 144 | 1.79 | 48 202 | -1.80 | 36 784 | 0.32 | 100.98 | 1.47 |
| 2013 | 48 355 | -0.66 | 37 419 | 0.74 | 47 268 | -1.94 | 36 578 | -0.56 | 102.30 | 1.31 |
| 2014 | 50 343 | 4.11 | 37 965 | 1.46 | 48 622 | 2.86 | 36 667 | 0.24 | 103.54 | 1.21 |
| 2015 | 52 215 | 3.72 | 38 547 | 1.53 | 50 758 | 4.39 | 37 472 | 2.20 | 102.87 | -0.65 |
| 2016 | 52 186 | -0.06 | 39 106 | 1.45 | 49 958 | -1.58 | 37 436 | -0.10 | 104.46 | 1.55 |

Note: same table 1

Table 3 Non-agricultural payroll employee's January to June accumulated earnings statistics
– by occupations and industries

| | Monthly earnings of each employee (NT\$) | | Regular earnings of each employee (NT\$) | |
|--|--|------------------------|--|------------------------|
| | | Annual Growth rate (%) | | Annual Growth rate (%) |
| Industry and Service | 52 186 | -0.06 | 39 106 | 1.45 |
| By occupations | | | | |
| Salaried-workers/supervisory staffs | 70 808 | -0.15 | 51 565 | 1.41 |
| Wage-earners/nonsupervisory staffs | 41 207 | -0.02 | 31 761 | 1.43 |
| By industries | | | | |
| Industry sector | 49 698 | 0.33 | 36 585 | 1.42 |
| Manufacturing | 49 807 | -0.19 | 35 979 | 1.70 |
| Livelihood industry | 41 195 | 1.36 | 31 820 | 0.56 |
| Chemical industry | 50 583 | 1.73 | 36 420 | 0.77 |
| Metal and mechanical industry | 44 046 | -0.88 | 32 909 | 1.80 |
| Information and electronic industry | 61 559 | -0.57 | 41 970 | 2.93 |
| Construction | 45 163 | -0.06 | 38 277 | 0.26 |
| Other | 78 960 | 19.77 | 50 742 | -0.53 |
| Service sector | 54 110 | -0.38 | 41 056 | 1.41 |
| Wholesale and Retail Trade | 48 690 | -2.22 | 37 929 | 1.91 |
| Transportation and Storage | 53 148 | 2.25 | 41 083 | 0.72 |
| Accommodation and Food Services | 34 212 | -1.18 | 29 000 | 0.60 |
| Information and Communication | 74 786 | 1.11 | 53 862 | 1.38 |
| Finance and Insurance | 99 788 | 0.48 | 61 091 | 2.44 |
| Professional, Scientific and Technical | 62 775 | 2.09 | 50 125 | 1.54 |
| Support Services | 37 016 | 0.71 | 32 119 | 1.19 |
| Human Health Services | 69 761 | 2.14 | 52 943 | 0.65 |
| Other | 36 705 | -3.13 | 30 818 | -0.79 |

- Notes: 1. same table 1
2. Occupational statistics: Industry sector split into "salaried-worker" and "wage-earner"
Service sector split into "supervisory staffs" and "nonsupervisory staffs"
3. Livelihood industry includes: Food, Beverages, Tobacco, Textiles, Wearing Apparel and Clothing Accessories, Wood and Bamboo Products, Non-metallic Mineral Products, Furniture and Other Manufacturings;
Chemical industry includes: Leather, Fur and Related Products, Pulp, Paper and Paper Products, Printing and Reproduction of Recorded Media, Petroleum and Coal Products, Chemical Material, Chemical Products, Pharmaceuticals and Medicinal Chemical Products, Rubber Products, Plastic Products Manufacturing;
Metal and mechanical industry includes: Basic Metal, Fabricated Metal Products, Electrical Equipment, Machinery and Equipment, Motor Vehicles and Parts, Other Transport Equipment and Parts Manufacturing, and Repair and Installation of Industrial Machinery and Equipment;
Information and electronic industry includes: Electronic Parts and Components Manufacturing, and Computers, Electronic and Optical Products Manufacturing;
"Other" in industry sector includes: Mining and Quarrying, Electricity and Gas Supply, Water Supply and Remediation Services;
"Other" in service sector includes: Real Estate, Education, Arts, Entertainment and Recreation, and Other Services.

Unit of compiled: DGBAS, EXECUTIVE YUAN
Date of compiled: Aug. 22, 2016