## EMPLOYEE EARNINGS AND HOURS

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- For further information about these and related statistics, contact Cath Ashby on 0893605934 or the National Information Service on 1300135070.



## SUMMARY OF FINDINGS

## AVERAGE WEEKLY TOTAL EARNINGS

- Average weekly total earnings was $\$ 653.10$ for all employees, $\$ 780.60$ for male employees and $\$ 521.50$ for female employees.
- For full-time adult non-managerial employees the ratio of female to male average weekly ordinary time earnings was $89.7 \%$.
- For full-time junior non-managerial employees the ratio of female to male average weekly ordinary time earnings was $91.9 \%$.
- Average weekly overtime earnings for full-time non-managerial employees was $\$ 66.90$ for males and $\$ 15.30$ for females.
- Average weekly total earnings for public sector employees were higher than those for private sector employees for all managerial and non-managerial categories.
- For full-time adult non-managerial employees the ratio of female to male average weekly total earnings in the private sector was $81.9 \%$, compared with $87.2 \%$ in the public sector.
- The Mining industry had the highest average weekly total earnings for full-time adult non-managerial employees for both males and females (\$1,395.60 and \$928.50 respectively).
- The industries with the lowest average weekly total earnings for full-time adult non-managerial employees were Accommodation, cafes and restaurants (\$590.40) and Retail trade (\$611.60).
- The ratio of female to male average weekly total earnings for full-time adult non-managerial employees was highest in the Government administration and defence industry (95.5\%) and lowest in the Mining industry (66.5\%).



## SUMMARY OF FINDINGS continued

## OCCUPATION

STATE / TERRITORY

- Occupation groups with the highest average weekly total earnings for full-time adult employees were Managers and administrators (\$1,283.40) and Professionals (\$999.50).
- Occupation groups with the lowest average weekly total earnings for full-time adult employees were Elementary clerical, sales and service workers (\$627.90) and Labourers and related workers (\$659.60).
- The ratio of female to male average weekly total earnings for full-time adult non-managerial employees was greatest for the Managers and Administrators group (90.1\%) and least for Intermediate production and transport workers (71.8\%).

2 AVERAGE WEEKLY TOTAL EARNINGS, Occupation-Full-time adult non-managerial employees


- Average weekly total earnings for full-time adult non-managerial employees were highest in the Northern Territory (\$812.60) followed by New South Wales (\$809.90). They were lowest in Tasmania (\$732.10).
- The ratio of female to male average weekly total earnings for full-time adult non-managerial employees was highest in the Australian Capital Territory (86.4\%) and South Australia (85.5\%). It was lowest in Queensland (82.5\%) and Western Australia (82.9\%).

STATE / TERRITORY

## continued

DISTRIBUTION

AVERAGE WEEKLY TOTAL EARNINGS, State / Tenitory-
Full-time adult non-managerial employees


- Median weekly total earnings for full-time adult non-managerial employees was $\$ 716$ for all employees, $\$ 769$ for male employees and $\$ 656$ for female employees.
- Median weekly total earnings for all employees was $\$ 590$ for all employees, $\$ 700$ for male employees and $\$ 496$ for female employees.

- For full-time adult non-managerial employees the average weekly total hours paid for was 40.8 for males and 38.1 for females.
- For part-time adult non-managerial employees the average weekly total hours paid for was 19.1 for males and 19.2 for females.


## SUMMARY OF FINDINGS continued

## PAY SETTING METHODS

## ALL EMPLOYEES

FULL-TIME / PART-TIME

SECTOR

- Information on the methods of setting pay for employees refers to how employees' pay was set in the survey reference period. Employees classified to 'awards only' had their pay set at exactly the applicable award rate of pay. Employees classified to the collective agreement category comprise those whose pay was set by a registered or unregistered collective agreement. Those in the individual agreement category include employees whose pay was set by an individual common law contract, employees who received overaward payments by individual agreement, working proprietors who set their own rate of pay, and employees on registered individual agreements. (See Glossary for more information).
- The most common methods of setting pay for employees were unregistered individual agreements (38.8\%), registered collective agreements (33.7\%) and awards only (24.1\%). Registered individual agreements (1.8\%) and unregistered collective agreements (1.6\%) were the least common pay setting methods.
- Females were more likely to be paid according to awards only than males, 31.2\% compared with $17.2 \%$. Collective agreements set the pay for a similar proportion of males (35.8\%) and females (34.7\%). More males (46.9\%) than females (34.0\%) had their pay set by individual agreements.


## 5 METHODS OF SETtING PAY, Males, Females, Persons



- Full-time adult employees were more likely to have their pay set by an individual agreement than all part-time employees. Some $48.2 \%$ of full-time adult employees had their pay set by an individual agreement, $37.2 \%$ by collective agreement, and $14.6 \%$ by awards only. In contrast, $26.3 \%$ of all part-time employees had their pay set by individual agreement, $32.7 \%$ by collective agreement and $41.0 \%$ by awards only.
- The average weekly total earnings for full-time adult employees was $\$ 887.70$ for employees paid by collective agreements, $\$ 851.90$ for those under individual agreements, and $\$ 653.60$ for awards only employees.
- The most prevalent pay setting methods for private sector employees were unregistered individual agreements (48.4\%), awards only (26.6\%) and registered collective agreements (22.0\%). In the public sector, registered collective agreements (78.2\%) and awards only (14.7\%) were the most common pay setting


## SUMMARY OF FINDINGS continued

SECTOR continued

STATE / TERRITORY
methods. Registered individual agreements set the pay for $1.5 \%$ of private sector employees, compared with $3.0 \%$ of public sector employees.

- Tasmania (31.8\%) and South Australia (29.7\%) had the highest proportion of employees paid by awards only. The Australian Capital Territory (16.3\%) and Western Australia (18.8\%) had the lowest incidence of employees covered by awards only.
- Employees in the Australian Capital Territory were the most likely to have their pay set by a collective agreement (59.1\%). New South Wales (31.0\%) and Victoria (32.8\%) had the lowest proportion of employees covered by collective agreements.
- Victoria (46.8\%) and Western Australia (45.5\%) had the highest proportion of employees on an individual agreement and the Australian Capital Territory (24.6\%) and Tasmania (26.9\%) had the lowest.

METHODS OF SETTING PAY, State / Tenitory


- The industry with the highest proportion of employees whose pay was set by awards only was Accommodation, cafes and restaurants (65.2\%). The industries with the lowest proportion were Communication services (1.5\%) and Electricity, gas and water supply (1.7\%).
- The industries with the highest proportion of employees whose pay was set by collective agreements were Government administration and defence (77.6\%) and Electricity, gas and water supply (77.0\%). The industries with the lowest proportion were Accommodation, cafes and restaurants (6.8\%), Property and business services (10.2\%) and Wholesale trade (11.2\%).
- The industries with the highest proportion of employees whose pay was set by individual agreements were Wholesale trade (76.5\%) and Property and business services (70.9\%). These industries had a high concentration of small employers, where individual agreements are most common. The industries with the lowest proportion were Government administration and defence (6.9\%) and Education (10.1\%).


## SUMMARY OF FINDINGS continued

## OCCUPATION

EMPLOYER SIZE

- The occupations with the highest proportion of employees whose pay was set by awards only were Elementary clerical, sales and service workers (41.1\%) and Labourers and related workers (37.2\%). The occupation with the lowest proportion was Managers and administrators (4.3\%).
- The occupations with the highest proportion of employees whose pay was set by collective agreements were Intermediate production and transport workers (49.3\%) and Professionals (46.0\%). The occupations with the lowest proportion were Managers and administrators (20.9\%) and Advanced clerical and service workers (21.0\%).
- The occupations with the highest proportion of employees whose pay was set by individual agreements were Managers and administrators (74.9\%) and Advanced clerical and service workers ( $65.9 \%$ ). The occupations with the lowest proportion were Elementary clerical sales and service workers (22.8\%) and Labourers and related workers (28.4\%).
- The proportion of employees whose pay was set by collective agreements rose as employer size increased, whilst the proportion of employees with pay set by individual agreements generally declined as employer size increased. The proportion of employees whose pay was set by awards only decreased for employer size categories over 100 employees.

7 METHODS OF SETTING PAY, Employer Size


FULL-TIME EMPLOYEES . . . . . . . . . . . . . . . . . . . . . . . . | PART-TIME |
| :--- |
| EMPLOYEES | ALL

| Managerial adult | Non - <br> managerial <br> adult | Non - <br> managerial <br> junior | Total non managerial | Total adult | Total | Total | Total |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| \$ | \$ | \$ | \$ |  |  |  |  |


| Ordinary time | 1113.20 | 770.10 | 343.50 | 750.80 | 846.10 | 828.20 | 284.00 | 734.60 |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Overtime | 4.20 | 68.80 | 27.10 | 66.90 | 54.50 | 53.50 | 10.10 | 46.00 |
| Total | 1117.40 | 838.90 | 370.60 | 817.70 | 900.50 | 881.70 | 294.10 | 780.60 |
| FEMALES |  |  |  |  |  |  |  |  |
| Ordinary time | 883.60 | 691.10 | 315.70 | 677.20 | 718.00 | 705.10 | 301.00 | 512.20 |
| Overtime | *1.60 | 15.70 | *5.00 | 15.30 | 13.80 | 13.50 | 4.80 | 9.30 |
| Total | 885.10 | 706.80 | 320.70 | 692.50 | 731.80 | 718.60 | 305.80 | 521.50 |
| PERSONS |  |  |  |  |  |  |  |  |
| Ordinary time | 1049.00 | 738.20 | 333.60 | 721.20 | 797.40 | 781.50 | 296.40 | 625.10 |
| Overtime | 3.50 | 47.30 | 19.20 | 46.10 | 39.00 | 38.30 | 6.30 | 28.00 |
| Total | 1052.40 | 785.50 | 352.80 | 767.40 | 836.30 | 819.80 | 302.60 | 653.10 |

[^0]fULL-TIME EMPLOYEES . . . . . . . . . . . . . . . . . . . . . . . . . | PART-TIME |
| :--- |
| EMPLOYEES | ALL

| Managerial adult | Non - <br> managerial <br> adult | Non - <br> managerial junior | Total non managerial | Total adult | Total | Total | Total |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| \$ | \$ | \$ | \$ |  |  |  |  |


| MALES |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Private sector | 1074.50 | 806.40 | 369.50 | 781.20 | 873.60 | 851.50 | 285.80 | 744.60 |
| Public sector | 1450.80 | 938.00 | 413.30 | 935.50 | 997.50 | 995.10 | 357.90 | 930.40 |
| All sectors | 1117.40 | 838.90 | 370.60 | 817.70 | 900.50 | 881.70 | 294.10 | 780.60 |
| FEMALES |  |  |  |  |  |  |  |  |
| Private sector | 842.20 | 660.60 | 318.90 | 643.70 | 691.40 | 676.00 | 281.30 | 477.70 |
| Public sector | 1220.90 | 817.60 | 356.90 | 814.70 | 841.40 | 838.50 | 413.90 | 672.40 |
| All sectors | 885.10 | 706.80 | 320.70 | 692.50 | 731.80 | 718.60 | 305.80 | 521.50 |
| PERSONS |  |  |  |  |  |  |  |  |
| Private sector | 1009.50 | 749.80 | 351.80 | 728.00 | 807.20 | 787.60 | 282.60 | 615.80 |
| Public sector | 1386.70 | 884.10 | 384.00 | 881.40 | 930.10 | 927.40 | 403.40 | 793.80 |
| All sectors | 1052.40 | 785.50 | 352.80 | 767.40 | 836.30 | 819.80 | 302.60 | 653.10 |

FULL-TIME EMPLOYEES<br>PART-TIME ALL

Non - Non-

| Managerial adult | Non - <br> managerial <br> adult | Non - <br> managerial <br> junior | Total non managerial | Total adult | Total | Total | Total |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| \$ | \$ | \$ | \$ |  |  |  |  |

\$

| MALES |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Mining | 1679.40 | 1395.60 | 519.10 | 1389.80 | 1418.00 | 1412.60 | 353.20 | 1395.30 |
| Manufacturing | 1147.40 | 793.80 | 367.20 | 773.80 | 843.80 | 824.50 | 365.10 | 792.30 |
| Electricity, gas and water supply | 1453.40 | 1024.90 | 314.10 | 1023.20 | 1064.50 | 1062.90 | 473.70 | 1049.70 |
| Construction | 787.20 | 852.90 | 456.50 | 807.40 | 834.00 | 802.10 | 369.60 | 780.60 |
| Wholesale trade | 1056.90 | 731.60 | 337.50 | 717.00 | 818.20 | 805.10 | 316.00 | 773.20 |
| Retail trade | 785.80 | 637.10 | 340.50 | 599.20 | 679.10 | 646.90 | 195.80 | 489.10 |
| Accommodation, cafes and restaurants | 712.80 | 606.30 | 349.40 | 593.70 | 633.90 | 623.50 | 255.90 | 426.60 |
| Transport and storage | 1125.40 | 884.20 | 330.20 | 865.80 | 919.70 | 902.90 | 405.80 | 842.50 |
| Communication services | 1308.20 | 1016.60 | - | 1016.60 | 1060.20 | 1060.20 | 381.30 | 1034.50 |
| Finance and insurance | 1565.70 | 915.60 | 420.30 | 910.90 | 1182.10 | 1177.80 | 403.70 | 1139.40 |
| Property and business services | 1210.80 | 898.80 | 352.80 | 878.40 | 1004.80 | 988.50 | 374.80 | 875.40 |
| Government administration and defence(a) | 1446.70 | 804.40 | 420.80 | 802.60 | 907.70 | 905.80 | 359.50 | 876.90 |
| Education | 1296.80 | 945.20 | 260.30 | 944.10 | 985.50 | 984.40 | 327.80 | 851.60 |
| Health and community services | 1432.20 | 881.90 | 405.30 | 879.30 | 995.10 | 992.60 | 433.00 | 817.90 |
| Cultural and recreational services | 1149.40 | 804.10 | 307.70 | 760.80 | 906.30 | 868.50 | 240.10 | 644.80 |
| Personal and other services(b) | 1013.20 | 938.60 | 526.60 | 937.00 | 948.80 | 947.40 | 207.90 | 815.40 |
| All industries(c) | 1117.40 | 838.90 | 370.60 | 817.70 | 900.50 | 881.70 | 294.10 | 780.60 |
| FEMALES |  |  |  |  |  |  |  |  |
| Mining | *917.50 | 928.50 | n.p. | 925.70 | 927.90 | 925.30 | 477.50 | 880.00 |
| Manufacturing | 897.00 | 646.00 | 369.10 | 644.00 | 671.10 | 669.10 | 340.90 | 591.70 |
| Electricity, gas and water supply | *1504.80 | 780.70 | n.p. | 779.70 | 810.00 | 809.00 | 435.10 | 725.20 |
| Construction | 577.50 | 626.80 | 255.00 | 586.40 | 599.80 | 581.80 | 309.40 | 471.50 |
| Wholesale trade | 939.00 | 656.50 | 350.10 | 643.80 | 717.00 | 704.90 | 316.20 | 595.80 |
| Retail trade | 629.00 | 574.60 | 335.00 | 549.10 | 587.10 | 565.90 | 215.90 | 332.90 |
| Accommodation, cafes and restaurants | 808.60 | 570.00 | 336.90 | 554.30 | 610.30 | 594.90 | 243.20 | 328.70 |
| Transport and storage | 769.10 | 699.10 | 320.90 | 686.60 | 708.80 | 697.70 | 350.50 | 597.60 |
| Communication services | 1026.80 | 851.60 | 464.40 | 849.60 | 867.20 | 865.30 | 393.40 | 744.10 |
| Finance and insurance | 1112.70 | 734.80 | 389.20 | 729.90 | 789.70 | 784.90 | 367.70 | 668.30 |
| Property and business services | 937.60 | 685.70 | 316.20 | 665.40 | 725.10 | 706.00 | 305.10 | 556.80 |
| Government administration and defence(a) | 1253.50 | 768.10 | 353.00 | 765.30 | 812.40 | 809.60 | 326.30 | 671.70 |
| Education | 1063.30 | 834.30 | 385.40 | 833.70 | 848.60 | 848.10 | 357.40 | 613.10 |
| Health and community services | 1040.40 | 730.60 | 326.40 | 724.90 | 761.40 | 755.90 | 403.20 | 552.80 |
| Cultural and recreational services | 1042.20 | 671.00 | 297.40 | 669.20 | 726.90 | 725.10 | 216.70 | 435.30 |
| Personal and other services(b) | 730.10 | 702.90 | 276.80 | 651.40 | 705.50 | 658.20 | 271.80 | 521.90 |
| All industries(c) | 885.10 | 706.80 | 320.70 | 692.50 | 731.80 | 718.60 | 305.80 | 521.50 |

- nil or rounded to zero (including null cells)
* estimate is subject to sampling variability too high for most practical purposes
(a) Excludes permanent defence forces.
(b) Excludes private households employing staff.
(c) Excludes agriculture, forestry and fishing.
FULL-TIME EMPLOYEES . . . . . . . . . . . . . . . . . . . . . . . . . . . . . EMPLOYEES EMPLOMEES

| Managerial adult | Non - <br> managerial <br> adult | Non - <br> managerial <br> junior | Total non managerial | Total adult | Total | Total | Total |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| \$ | \$ | \$ | \$ |  |  |  |  |


| PERSONS |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Mining | 1624.10 | 1345.30 | 503.80 | 1340.00 | 1366.60 | 1361.60 | 408.30 | 1336.80 |
| Manufacturing | 1103.40 | 758.40 | 367.30 | 743.60 | 803.90 | 789.50 | 351.90 | 739.90 |
| Electricity, gas and water supply | 1456.50 | 991.80 | 314.80 | 990.20 | 1031.60 | 1030.10 | 448.60 | 998.60 |
| Construction | 738.20 | 832.10 | 439.00 | 787.20 | 801.80 | 772.70 | 329.40 | 719.50 |
| Wholesale trade | 1027.10 | 708.20 | 341.80 | 694.20 | 788.20 | 775.30 | 316.10 | 710.20 |
| Retail trade | 731.80 | 611.60 | 338.50 | 579.00 | 643.00 | 615.40 | 210.00 | 402.60 |
| Accommodation, cafes and restaurants | 742.70 | 590.40 | 342.90 | 576.30 | 624.20 | 611.60 | 247.60 | 370.20 |
| Transport and storage | 1043.90 | 839.50 | 327.90 | 822.60 | 869.10 | 853.70 | 379.30 | 773.90 |
| Communication services | 1254.70 | 967.60 | 464.40 | 966.80 | 1005.70 | 1004.90 | 390.70 | 936.10 |
| Finance and insurance | 1440.50 | 805.40 | 398.60 | 800.40 | 978.70 | 973.40 | 371.70 | 862.20 |
| Property and business services | 1143.20 | 797.20 | 331.70 | 775.80 | 888.30 | 869.30 | 329.00 | 720.30 |
| Government administration and defence(a) | 1395.50 | 789.60 | 386.60 | 787.40 | 870.70 | 868.40 | 332.30 | 783.00 |
| Education | 1199.10 | 880.70 | 327.80 | 879.90 | 907.70 | 906.90 | 352.30 | 692.20 |
| Health and community services | 1217.70 | 770.00 | 335.80 | 764.90 | 828.20 | 823.10 | 406.70 | 604.90 |
| Cultural and recreational services | 1117.10 | 736.80 | 307.20 | 716.50 | 824.00 | 804.90 | 224.80 | 530.80 |
| Personal and other services(b) | 927.80 | 846.70 | 287.10 | 817.10 | 856.60 | 830.00 | 248.20 | 679.10 |
| All industries(c) | 1052.40 | 785.50 | 352.80 | 767.40 | 836.30 | 819.80 | 302.60 | 653.10 |

(a) Excludes permanent defence forces.
(b) Excludes private households employing staff.
(c) Excludes agriculture, forestry and fishing.

FULL-TIME EMPLOYEES . . . . . . . . . . . . . . . . . . . . . . . . . | PART-TIME ALOYEES EMPLOMEES |
| :--- |

| Managerial adult | Non - <br> managerial <br> adult | Non - <br> managerial <br> junior | Total non managerial | Total adult | Total | Total | Total |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| \$ | \$ | \$ | \$ |  |  |  |  |

\$

| MALES |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Managers and administrators(a) | 1343.40 | 1191.00 | - | 1191.00 | 1335.40 | 1335.40 | *348.50 | 1295.30 |
| Professionals | 1231.10 | 1045.20 | 501.10 | 1044.20 | 1081.00 | 1080.10 | 446.40 | 1001.50 |
| Associate professionals | 876.40 | 935.70 | 429.20 | 932.40 | 912.00 | 910.10 | 392.60 | 869.30 |
| Tradespersons and related workers | 686.60 | 807.00 | 376.80 | 756.90 | 796.30 | 751.30 | 319.70 | 721.60 |
| Advanced clerical and service workers | 867.70 | 855.50 | n.p. | 853.20 | 856.70 | 854.60 | 415.20 | 797.30 |
| Intermediate clerical, sales and service workers | 835.60 | 762.50 | 310.60 | 745.20 | 764.70 | 747.90 | 283.90 | 646.30 |
| Intermediate production and transport workers | 632.10 | 797.60 | 391.60 | 791.40 | 791.20 | 785.30 | 311.20 | 714.50 |
| Elementary clerical, sales and service workers | 598.50 | 703.30 | 371.70 | 684.50 | 700.70 | 682.40 | 242.40 | 443.80 |
| Labourers and related workers | 636.50 | 692.90 | 372.40 | 677.80 | 691.40 | 676.80 | 231.90 | 526.30 |
| All occupations | 1117.40 | 838.90 | 370.60 | 817.70 | 900.50 | 881.70 | 294.10 | 780.60 |


|  |  |  |  |  |  |  |  |  |
| :--- | ---: | ---: | ---: | ---: | ---: | ---: | ---: | ---: |
| Managers and administrators(a) | 1114.00 | 1073.40 | - | 1073.40 | 1111.10 | 1111.10 | 534.60 | 1049.40 |
| Professionals | 1112.80 | 891.90 | 352.00 | 891.60 | 909.30 | 908.90 | 456.90 | 724.20 |
| Associate professionals | 722.30 | 760.30 | 388.90 | 754.90 | 748.00 | 744.40 | 368.50 | 657.70 |
| Tradespersons and related workers | $* 595.70$ | 591.30 | 276.00 | 540.10 | 591.50 | 541.70 | 327.30 | 451.30 |
| Advanced clerical and service workers | 556.60 | 695.40 | 398.10 | 691.80 | 675.20 | 672.30 | 347.20 | 572.40 |
| Intermediate clerical, sales and service workers | 674.90 | 625.10 | 318.90 | 611.80 | 626.20 | 613.00 | 295.00 | 456.70 |
| Intermediate production and transport workers | 281.40 | 572.90 | 312.30 | 562.30 | 570.80 | 560.30 | 250.50 | 408.70 |
| Elementary clerical, sales and service workers | 516.70 | 563.30 | 322.40 | 533.30 | 561.80 | 532.80 | 227.90 | 308.00 |
| Labourers and related workers | 285.10 | 569.40 | 362.50 | 564.10 | 558.60 | 553.70 | 222.60 | 329.90 |
| All occupations | $\mathbf{8 8 5 . 1 0}$ | $\mathbf{7 0 6 . 8 0}$ | $\mathbf{3 2 0 . 7 0}$ | $\mathbf{6 9 2 . 5 0}$ | $\mathbf{7 3 1 . 8 0}$ | $\mathbf{7 1 8 . 6 0}$ | $\mathbf{3 0 5 . 8 0}$ | $\mathbf{5 2 1 . 5 0}$ |


| PERSONS |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Managers and administrators(a) | 1291.10 | 1156.60 | - | 1156.60 | 1283.40 | 1283.40 | 434.20 | 1235.10 |
| Professionals | 1199.30 | 967.40 | 460.60 | 966.80 | 999.50 | 998.90 | 454.90 | 842.80 |
| Associate professionals | 824.30 | 863.10 | 404.40 | 858.60 | 848.70 | 846.00 | 376.00 | 778.20 |
| Tradespersons and related workers | 684.00 | 790.10 | 365.60 | 739.00 | 781.00 | 734.80 | 323.10 | 689.00 |
| Advanced clerical and service workers | 593.20 | 724.50 | 399.70 | 720.90 | 706.50 | 703.60 | 351.60 | 604.30 |
| Intermediate clerical, sales and service workers | 750.10 | 677.00 | 316.00 | 662.00 | 678.80 | 664.10 | 293.30 | 510.60 |
| Intermediate production and transport workers | 624.20 | 772.70 | 371.30 | 765.40 | 767.40 | 760.40 | 286.70 | 662.10 |
| Elementary clerical, sales and service workers | 549.80 | 630.30 | 336.20 | 602.80 | 627.90 | 601.40 | 231.70 | 352.40 |
| Labourers and related workers | 526.20 | 663.60 | 371.00 | 651.20 | 659.60 | 647.70 | 226.70 | 450.40 |
| All occupations | 1052.40 | 785.50 | 352.80 | 767.40 | 836.30 | 819.80 | 302.60 | 653.10 |

[^1]

(a) Percentiles are based on whole dollars only.

|  | FULL-TIME |  |  | PART-TIME |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | Adult | Junior | All persons | Adult | Junior | All persons |
|  | Hours | Hours | Hours | Hours | Hours | Hours |
| MALES |  |  |  |  |  |  |
| Ordinary time | 38.3 | 38.1 | 38.3 | 18.6 | 12.7 | 17.4 |
| Overtime | 2.5 | 2.1 | 2.5 | 0.5 | *0.2 | 0.4 |
| Total | 40.8 | 40.1 | 40.7 | 19.1 | 12.9 | 17.8 |
| FEMALES |  |  |  |  |  |  |
| Ordinary time | 37.5 | 38.4 | 37.5 | 19.0 | 11.6 | 18.1 |
| Overtime | 0.6 | *0.4 | 0.6 | 0.3 | *0.2 | 0.2 |
| Total | 38.1 | 38.8 | 38.1 | 19.2 | 11.8 | 18.3 |
| PERSONS |  |  |  |  |  |  |
| Ordinary time | 38.0 | 38.2 | 38.0 | 18.9 | 12.0 | 17.9 |
| Overtime | 1.7 | 1.5 | 1.7 | 0.3 | 0.2 | 0.3 |
| Total | 39.7 | 39.7 | 39.7 | 19.2 | 12.2 | 18.2 |
| * estimate is subject to sampling variability too high for most practical purposes |  |  |  |  |  |  |


|  | Awards only | Registered collective agreements | Unregistered collective agreements | Registered individual agreements | Unregistered individual agreements | Total |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | PROPORTION OF EMPLOYEES (\%) |  |  |  |  |  |
| Males |  |  |  |  |  |  |
| Private | 18.7 | 23.2 | 1.7 | 1.8 | 54.6 | 100.0 |
| Public | 11.3 | 78.7 | 2.4 | 4.4 | 3.1 | 100.0 |
| All sectors | 17.2 | 33.9 | 1.9 | 2.3 | 44.6 | 100.0 |
| Females |  |  |  |  |  |  |
| Private | 35.1 | 20.7 | 1.4 | 1.1 | 41.7 | 100.0 |
| Public | 17.7 | 77.8 | 0.8 | 1.8 | 1.9 | 100.0 |
| All sectors | 31.2 | 33.5 | 1.2 | 1.2 | 32.8 | 100.0 |
| Persons |  |  |  |  |  |  |
| Private | 26.6 | 22.0 | 1.6 | 1.5 | 48.4 | 100.0 |
| Public | 14.7 | 78.2 | 1.6 | 3.0 | 2.5 | 100.0 |
| All sectors | 24.1 | 33.7 | 1.6 | 1.8 | 38.8 | 100.0 |
|  | AVERAGE WEEKLY TOTAL EARNINGS (\$) |  |  |  |  |  |
| Males |  |  |  |  |  |  |
| Private | 450.70 | 783.90 | 772.30 | 766.70 | 826.60 | 744.60 |
| Public | 816.90 | 929.50 | *520.90 | 1171.00 | 1346.60 | 930.40 |
| All sectors | 497.40 | 849.40 | 709.40 | 916.80 | 833.70 | 780.60 |
| Females |  |  |  |  |  |  |
| Private | 355.10 | 486.50 | 473.40 | 437.80 | 577.80 | 477.70 |
| Public | 608.50 | 684.30 | *295.50 | 896.50 | 733.70 | 672.40 |
| All sectors | 387.50 | 589.80 | 447.10 | 582.90 | 579.90 | 521.50 |
| Persons |  |  |  |  |  |  |
| Private | 389.80 | 648.90 | 646.90 | 647.30 | 723.20 | 615.80 |
| Public | 684.10 | 800.40 | *459.20 | 1086.20 | 1094.20 | 793.80 |
| All sectors | 427.40 | 722.40 | 607.40 | 802.00 | 728.10 | 653.10 |

[^2]|  | Awards only | Collective agreements(a) | Individual agreements(b) | Total |
| :---: | :---: | :---: | :---: | :---: |
| PROPORTION OF EMPLOYEES (\%) |  |  |  |  |
| Males |  |  |  |  |
| Full-time adults | 11.4 | 37.2 | 51.4 | 100.0 |
| Part-time employees | 37.4 | 32.4 | 30.2 | 100.0 |
| All employees | 17.2 | 35.8 | 46.9 | 100.0 |
| Females |  |  |  |  |
| Full-time adults | 19.7 | 37.3 | 43.0 | 100.0 |
| Part-time employees | 42.4 | 32.8 | 24.8 | 100.0 |
| All employees | 31.2 | 34.7 | 34.0 | 100.0 |
| Persons |  |  |  |  |
| Full-time adults | 14.6 | 37.2 | 48.2 | 100.0 |
| Part-time employees | 41.0 | 32.7 | 26.3 | 100.0 |
| All employees | 24.1 | 35.3 | 40.6 | 100.0 |
| AVERAGE WEEKLY TOTAL EARNINGS (\$) |  |  |  |  |
| Males |  |  |  |  |
| Full-time adults | 690.90 | 951.70 | 910.10 | 900.50 |
| Part-time employees | 264.90 | 293.20 | 331.10 | 294.10 |
| All employees | 497.40 | 842.10 | 837.80 | $\mathbf{7 8 0 . 6 0}$ |
| Females |  |  |  |  |
| Full-time adults | 618.30 | 783.90 | 738.50 | 731.80 |
| Part-time employees | 278.20 | 347.30 | 298.10 | 305.80 |
| All employees | 387.50 | 584.70 | 580.00 | 521.50 |
| Persons |  |  |  |  |
| Full-time adults | 653.60 | 887.70 | 851.90 | 836.30 |
| Part-time employees | 274.90 | 332.80 | 308.40 | 302.60 |
| All employees | 427.40 | 717.30 | 731.40 | 653.10 |

(a) Includes registered and unregistered collective agreements.
(b) Includes registered and unregistered individual agreements.

|  | Awards only | Collective agreements(a) | Individual agreements(b) | Total |
| :---: | :---: | :---: | :---: | :---: |
| PROPORTION OF EMPLOYEES (\%) |  |  |  |  |
| Mining | 6.7 | 41.4 | 51.9 | 100.0 |
| Manufacturing | 11.3 | 37.4 | 51.3 | 100.0 |
| Electricity, gas and water supply | 1.7 | 77.0 | 21.3 | 100.0 |
| Construction | 14.8 | 23.3 | 61.9 | 100.0 |
| Wholesale trade | 12.4 | 11.2 | 76.5 | 100.0 |
| Retail trade | 35.0 | 28.8 | 36.1 | 100.0 |
| Accommodation, cafes and restaurants | 65.2 | 6.8 | 28.0 | 100.0 |
| Transport and storage | 19.2 | 39.5 | 41.3 | 100.0 |
| Communication services | 1.5 | 70.1 | 28.4 | 100.0 |
| Finance and insurance | 5.0 | 48.9 | 46.1 | 100.0 |
| Property and business services | 18.9 | 10.2 | 70.9 | 100.0 |
| Government administration and defence(c) | 15.5 | 77.6 | 6.9 | 100.0 |
| Education | 25.3 | 64.6 | 10.1 | 100.0 |
| Health and community services | 37.1 | 44.7 | 18.2 | 100.0 |
| Cultural and recreational services | 19.1 | 33.7 | 47.2 | 100.0 |
| Personal and other services(d) | 27.9 | 42.3 | 29.8 | 100.0 |
| All industries(e) | 24.1 | 35.3 | 40.6 | 100.0 |
| AVERAGE WEEKLY TOTAL EARNINGS (\$) |  |  |  |  |
| Mining | 1370.00 | 1467.10 | 1228.50 | 1336.80 |
| Manufacturing | 473.90 | 786.30 | 764.80 | 739.90 |
| Electricity, gas and water supply | 721.70 | 954.70 | 1179.10 | 998.60 |
| Construction | 557.90 | 932.50 | 678.10 | 719.50 |
| Wholesale trade | 471.80 | 623.10 | 761.60 | 710.20 |
| Retail trade | 297.40 | 303.40 | 584.10 | 402.60 |
| Accommodation, cafes and restaurants | 322.70 | 318.10 | 493.50 | 370.20 |
| Transport and storage | 575.10 | 981.80 | 667.30 | 773.90 |
| Communication services | 465.50 | 910.80 | 1024.00 | 936.10 |
| Finance and insurance | 540.90 | 794.00 | 969.20 | 862.20 |
| Property and business services | 420.60 | 725.00 | 799.40 | 720.30 |
| Government administration and defence(c) | 717.30 | 765.50 | 1130.60 | 783.00 |
| Education | 603.10 | 734.90 | 642.30 | 692.20 |
| Health and community services | 452.90 | 717.10 | 639.40 | 604.90 |
| Cultural and recreational services | 331.20 | 511.70 | 625.10 | 530.80 |
| Personal and other services(d) | 461.60 | 864.90 | 618.70 | 679.10 |
| All industries(e) | 427.40 | 717.30 | 731.40 | 653.10 |

(a) Includes registered and unregistered collective agreements.
(b) Includes registered and unregistered individual agreements.
(c) Excludes permanent defence forces.
(d) Excludes private households employing staff.
(e) Excludes agriculture, forestry and fishing.

|  | Awards only | Collective agreements(a) | Individual agreements(b) | Total |
| :---: | :---: | :---: | :---: | :---: |
| ROPORTION OF EMPLOYEES (\%) |  |  |  |  |
| Managers and administrators(c) | 4.3 | 20.9 | 74.9 | 100.0 |
| Professionals | 18.3 | 46.0 | 35.7 | 100.0 |
| Associate professionals | 12.0 | 33.7 | 54.3 | 100.0 |
| Tradespersons and related workers | 23.3 | 32.2 | 44.5 | 100.0 |
| Advanced clerical and service workers | 13.1 | 21.0 | 65.9 | 100.0 |
| Intermediate clerical, sales and service workers | 29.8 | 29.9 | 40.3 | 100.0 |
| Intermediate production and transport workers | 19.1 | 49.3 | 31.7 | 100.0 |
| Elementary clerical, sales and service workers | 41.1 | 36.1 | 22.8 | 100.0 |
| Labourers and related workers | 37.2 | 34.4 | 28.4 | 100.0 |
| All occupations | 24.1 | 35.3 | 40.6 | 100.0 |
| AVERAGE WEEKLY TOTAL EARNINGS (\$) |  |  |  |  |
| Managers and administrators(c) | 987.60 | 1219.70 | 1253.40 | 1235.10 |
| Professionals | 642.20 | 855.70 | 929.40 | 842.80 |
| Associate professionals | 568.00 | 856.00 | 776.30 | 778.20 |
| Tradespersons and related workers | 453.40 | 868.20 | 682.50 | 689.00 |
| Advanced clerical and service workers | 502.00 | 748.10 | 578.90 | 604.30 |
| Intermediate clerical, sales and service workers | 380.30 | 569.20 | 563.40 | 510.60 |
| Intermediate production and transport workers | 588.70 | 711.80 | 628.80 | 662.10 |
| Elementary clerical, sales and service workers | 288.10 | 367.90 | 444.00 | 352.40 |
| Labourers and related workers | 313.90 | 610.30 | 435.50 | 450.40 |
| All occupations | 427.40 | 717.30 | 731.40 | 653.10 |

(a) Includes registered and unregistered collective agreements.
(b) Includes registered and unregistered individual agreements.
(c) See paragraph 13 of the Explanatory Notes.

METHODS OF SETTING PAY, States and Territories

|  | Awards only | Collective agreements(a) | Individual agreements(b) | Total |
| :---: | :---: | :---: | :---: | :---: |
| PROPORTION OF EMPLOYEES (\%) |  |  |  |  |
| New South Wales | 27.3 | 31.0 | 41.7 | 100.0 |
| Victoria | 20.4 | 32.8 | 46.8 | 100.0 |
| Queensland | 24.9 | 41.5 | 33.6 | 100.0 |
| South Australia | 29.7 | 39.5 | 30.8 | 100.0 |
| Western Australia | 18.8 | 35.7 | 45.5 | 100.0 |
| Tasmania | 31.8 | 41.2 | 26.9 | 100.0 |
| Northern Territory | 24.9 | 41.1 | 34.1 | 100.0 |
| Australian Capital Territory | 16.3 | 59.1 | 24.6 | 100.0 |
| Australia | 24.1 | 35.3 | 40.6 | 100.0 |
| AVERAGE WEEKLY TOTAL EARNINGS (\$) |  |  |  |  |
| New South Wales | 481.10 | 754.70 | 796.30 | 697.40 |
| Victoria | 395.10 | 700.90 | 721.80 | 648.30 |
| Queensland | 399.50 | 703.40 | 681.50 | 620.30 |
| South Australia | 372.40 | 689.00 | 687.30 | 594.50 |
| Western Australia | 435.10 | 678.40 | 660.90 | 624.80 |
| Tasmania | 409.10 | 647.20 | 648.20 | 571.70 |
| Northern Territory | 329.60 | 771.40 | 684.00 | 631.70 |
| Australian Capital Territory | 330.90 | 826.80 | 782.00 | 734.70 |
| Australia | 427.40 | 717.30 | 731.40 | 653.10 |
| (a) Includes registered and unregistered collective agreements. <br> (b) Includes registered and unregistered individual agreements. |  |  |  |  |


|  | Awards <br> only | Collective <br> agreements(a) | Individual <br> agreements(b) | Total |
| :--- | :---: | :---: | :---: | :---: | :---: |

(a) Includes registered and unregistered collective agreements.
(b) Includes registered and unregistered individual agreements.

STANDARD ERRORS (a), Average Weekly Total Earnings—Industry

FULL-TIME EMPLOYEES . . . . . . . . . . . . . . . . . . . . . . . . . | PART-TIME AMLOYEES ALL |
| :--- |
| EMPLOYEES |

| Managerial <br> adult | Non - <br> managerial <br> adult | Non - <br> managerial <br> junior | Total non - <br> managerial | Total <br> adult | Total | Total | Total |
| :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- |
|  | $\$$ |  | $\$$ | $\$$ | $\$$ | $\$$ | $\$$ |


| MALES |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Mining | 90.90 | 34.20 | 81.70 | 34.20 | 33.80 | 33.80 | 24.70 | 35.90 |
| Manufacturing | 52.70 | 9.70 | 18.00 | 10.30 | 11.50 | 11.90 | 22.30 | 12.10 |
| Electricity, gas and water supply | 48.80 | 17.70 | 15.00 | 17.80 | 18.00 | 18.10 | 41.40 | 19.30 |
| Construction | 40.20 | 21.90 | 49.30 | 23.00 | 20.40 | 20.80 | 35.70 | 20.00 |
| Wholesale trade | 45.00 | 14.60 | 18.80 | 15.00 | 18.10 | 18.30 | 16.00 | 18.10 |
| Retail trade | 61.20 | 14.80 | 13.70 | 15.00 | 20.40 | 19.60 | 8.60 | 15.90 |
| Accommodation, cafes and restaurants | 56.90 | 14.30 | 35.00 | 15.80 | 17.40 | 18.20 | 12.00 | 16.60 |
| Transport and storage | 62.40 | 36.30 | 40.00 | 35.60 | 34.70 | 34.10 | 30.20 | 31.00 |
| Communication services | 112.20 | 27.00 | - | 27.00 | 32.90 | 32.90 | 29.50 | 32.70 |
| Finance and insurance | 78.20 | 33.60 | 13.20 | 33.10 | 40.50 | 40.60 | 67.10 | 41.70 |
| Property and business services | 53.00 | 26.40 | 25.60 | 27.10 | 26.70 | 26.60 | 27.90 | 26.90 |
| Government administration and defence(b) | 39.80 | 13.20 | 32.10 | 13.30 | 16.50 | 16.60 | 29.00 | 16.40 |
| Education | 54.20 | 18.50 | 23.20 | 18.60 | 20.00 | 20.10 | 24.10 | 24.80 |
| Health and community services | 92.80 | 34.60 | 12.90 | 34.40 | 33.70 | 33.50 | 27.60 | 29.00 |
| Cultural and recreational services | 160.00 | 29.10 | 63.10 | 49.30 | 50.20 | 60.40 | 25.10 | 55.20 |
| Personal and other services(c) | 67.30 | 53.30 | 56.90 | 53.40 | 48.90 | 48.90 | 42.00 | 39.60 |
| All industries(d) | 20.30 | 7.20 | 14.90 | 7.50 | 7.30 | 7.50 | 8.10 | 7.30 |
| FEMALES |  |  |  |  |  |  |  |  |
| Mining | 278.50 | 38.60 | - | 38.40 | 39.40 | 39.30 | 45.20 | 41.40 |
| Manufacturing | 60.30 | 9.50 | 24.10 | 9.40 | 11.20 | 11.20 | 13.50 | 10.20 |
| Electricity, gas and water supply | 425.00 | 22.60 | - | 22.60 | 31.10 | 31.00 | 43.60 | 30.20 |
| Construction | 68.40 | 23.20 | 8.60 | 32.00 | 38.80 | 38.20 | 27.20 | 27.40 |
| Wholesale trade | 51.80 | 15.00 | 23.20 | 15.70 | 20.60 | 21.30 | 20.90 | 21.00 |
| Retail trade | 41.80 | 15.90 | 16.40 | 15.10 | 15.50 | 14.90 | 6.30 | 9.30 |
| Accommodation, cafes and restaurants | 82.00 | 12.80 | 39.40 | 13.10 | 21.90 | 21.70 | 9.10 | 12.70 |
| Transport and storage | 91.40 | 23.70 | 26.90 | 23.20 | 23.30 | 22.50 | 28.00 | 20.90 |
| Communication services | 123.10 | 37.50 | 21.00 | 37.30 | 36.30 | 36.20 | 25.90 | 31.40 |
| Finance and insurance | 67.60 | 16.70 | 28.00 | 16.80 | 18.00 | 18.10 | 26.10 | 23.80 |
| Property and business services | 58.10 | 16.80 | 11.10 | 16.70 | 17.80 | 17.60 | 16.70 | 18.30 |
| Government administration and defence(b) | 27.70 | 9.00 | 36.30 | 9.10 | 10.50 | 10.60 | 16.20 | 17.00 |
| Education | 45.30 | 13.80 | 31.80 | 13.80 | 11.50 | 11.60 | 15.60 | 20.10 |
| Health and community services | 72.70 | 11.50 | 37.00 | 11.50 | 12.70 | 12.80 | 8.00 | 10.30 |
| Cultural and recreational services | 117.50 | 19.70 | 19.80 | 19.50 | 26.70 | 26.50 | 15.80 | 25.50 |
| Personal and other services(c) | 143.00 | 30.60 | 19.60 | 34.70 | 32.20 | 34.70 | 21.30 | 29.50 |
| All industries(d) | 21.80 | 6.50 | 7.90 | 6.80 | 6.20 | 6.50 | 4.70 | 6.20 |

- nil or rounded to zero (including null cells)
(a) Standard Errors are a measure of sampling error. See the Technical Note.
(b) Excludes permanent defence forces.
(c) Excludes private households employing staff.
(d) Excludes agriculture, forestry and fishing.

|  | FULL-TIME EMPLOYEES |  |  |  |  |  | PART-TIME EMPLOYEES | ALL <br> EMPLOYEES |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | Managerial adult | Non - <br> managerial <br> adult | Non managerial junior | Total non managerial | Total adult | Total | Total | Total |
|  | \$ | \$ | \$ | \$ | \$ | \$ | \$ | \$ |
| PERSONS |  |  |  |  |  |  |  |  |
| Mining | 94.80 | 32.60 | 78.00 | 32.60 | 32.40 | 32.40 | 31.20 | 33.70 |
| Manufacturing | 44.60 | 8.50 | 17.20 | 8.90 | 9.70 | 10.00 | 12.30 | 9.60 |
| Electricity, gas and water supply | 57.20 | 18.30 | 12.90 | 18.40 | 19.60 | 19.70 | 32.00 | 22.50 |
| Construction | 37.50 | 20.50 | 49.00 | 20.40 | 19.20 | 18.00 | 22.00 | 17.30 |
| Wholesale trade | 38.00 | 12.20 | 15.00 | 12.80 | 16.00 | 16.50 | 15.80 | 16.50 |
| Retail trade | 49.10 | 11.40 | 10.70 | 11.10 | 16.40 | 15.70 | 5.50 | 11.00 |
| Accommodation, cafes and |  |  |  |  |  |  |  |  |
| Transport and storage | 55.70 | 29.10 | 28.90 | 28.50 | 27.30 | 26.90 | 21.20 | 22.10 |
| Communication services | 102.40 | 24.10 | 21.00 | 24.10 | 29.90 | 29.90 | 21.10 | 27.70 |
| Finance and insurance | 69.00 | 19.10 | 21.30 | 19.00 | 24.80 | 24.80 | 24.50 | 29.90 |
| Property and business services | 46.00 | 18.20 | 12.80 | 18.80 | 19.70 | 19.70 | 15.40 | 19.80 |
| Government administration and |  |  |  |  |  |  |  |  |
| Education | 40.20 | 13.90 | 29.90 | 13.90 | 13.00 | 13.10 | 14.80 | 20.10 |
| Health and community services 59.80 13.90 31.90 13.90 14.40 14.60 8.50 11.40 <br> Cultural and recreational         |  |  |  |  |  |  | 8.50 | 11.40 |
| Cultural and recreational senvices | 117.20 | 21.30 | 59.80 | 27.50 | 32.50 | 36.10 | 14.20 | 33.20 |
| Personal and other services(c) | 72.20 | 48.10 | 21.10 | 50.40 | 44.70 | 46.70 | 28.00 | 37.50 |
| All industries(d) | 17.00 | 5.70 | 10.50 | 5.90 | 5.70 | 5.80 | 4.40 | 5.60 |

[^3]

[^4]|  | Awards only | Collective agreements(b) | Individual agreements(c) | Total |
| :---: | :---: | :---: | :---: | :---: |
| STANDARD ERROR | PROP | RTIONS | EMPLOY | (\%) |
| New South Wales | 2.0 | 1.5 | 1.4 | - |
| Victoria | 1.6 | 2.4 | 2.6 | - |
| Queensland | 1.4 | 2.1 | 1.7 | - |
| South Australia | 2.5 | 3.1 | 2.1 | - |
| Western Australia | 2.2 | 2.9 | 2.7 | - |
| Tasmania | 3.0 | 4.2 | 2.5 | - |
| Northern Territory | 6.7 | 5.0 | 3.9 | - |
| Australian Capital Territory | 2.2 | 3.1 | 2.0 | - |
| Australia | 0.9 | 1.0 | 1.0 | - |
| AVERAGE WEEKLY TOTAL EARNINGS (\$) |  |  |  |  |
| New South Wales | 28.80 | 22.60 | 16.10 | 10.80 |
| Victoria | 14.00 | 12.60 | 19.70 | 11.80 |
| Queensland | 15.90 | 14.40 | 17.70 | 11.30 |
| South Australia | 16.00 | 18.80 | 24.20 | 17.40 |
| Western Australia | 40.70 | 15.30 | 21.30 | 14.40 |
| Tasmania | 16.50 | 28.00 | 24.90 | 16.70 |
| Northern Territory | 53.60 | 25.10 | 27.30 | 42.70 |
| Australian Capital Territory | 19.60 | 26.70 | 56.10 | 25.70 |
| Australia | 13.40 | 7.90 | 9.30 | 5.60 |

[^5]INTRODUCTION

SCOPE

1 This publication contains preliminary estimates obtained from a sample survey of employers conducted by mail in May 2000.

2 The survey is designed to provide statistics on the composition and distribution of earnings and hours of employees and whether their pay is set by award only, collective agreement or individual agreement.

3 Final estimates will be published in Employee Earnings and Hours, Australia, May 2000 (Cat. no. 6306.0), expected to be released in March 2001.

4 All employees who received pay for the reference period are represented in the survey, except:

- members of the Australian permanent defence forces;
- employees of businesses primarily engaged in Agriculture, forestry and fishing;
- employees of private households employing staff;
- employees of overseas embassies, consulates, etc.;
- employees based outside Australia; and
- employees on workers' compensation who are not paid through the payroll.

5 Also excluded are the following persons who are not regarded as employees for the purposes of this survey:

- casual employees who did not receive pay during the reference period;
- employees on leave without pay who did not receive pay during the reference period;
- employees on strike, or stood down, who did not receive pay during the reference period;
- directors who are not paid a salary;
- proprietors/partners of unincorporated businesses;
- self-employed persons such as subcontractors, owner/drivers, consultants; and
- persons paid solely by commission without a retainer.

6 The survey is based on a two stage sample design. The first stage involves selecting a sample of employers from the ABS Business Register. The statistical unit for the survey comprises all activities of an employer in a particular State or Territory. Each statistical unit is classified to an industry which reflects the predominant activity of the employer in the State or Territory. The statistical units are stratified by State, sector, industry, and employment size, and a simple random sample is selected from each stratum.

7 The second stage involves those employers selecting a sample of employees using sampling instructions provided by the ABS. The reported data were then used to produce estimates of earnings, hours and methods of setting pay.
8 Data for approximately 50,000 employees from a sample of 7,000 employers contributed to the preliminary results in this publication.

9 The May 2000 survey includes adjustments to the estimates to allow for the time lag between businesses commencing operation and their inclusion on the ABS Business Register. For more details refer to the Information Paper:
Improvements to ABS Economic Statistics, 1997 (Cat. no. 1357.0).
10 Industry data has been classified according to the Australian and New Zealand Standard Industrial Classification (ANZSIC), 1993 (Cat. no. 1292.0).

INDUSTRY continued

OCCUPATION

11 Employees selected in the Survey of Employee Earnings and Hours are classified to the industry of the business in which they are employed (see paragraph 6).

12 Occupation data has been classified according to the Australian Standard Classification of Occupations (ASCO), Second Edition (Cat. no. 1220.0).

13 Care should be taken when comparing survey estimates based on ASCO groups with estimates based on the managerial/non-managerial status of employees, which is determined and reported by the employer. Estimates for employees with managerial status include employees classified to ASCO categories other than the ASCO major group 'Managers and administrators'; e.g. employees classified as 'Professionals' according to ASCO may be categorised by employers as having managerial status. Conversely, tables in this publication which contain estimates for non-managerial employees (as defined by employers) will include some employees who would be classified to the ASCO major group 'Managers and administrators'.

14 Questions on how employees' pay was set in the survey reference period were included in the survey for the first time in May 2000. The questions collected data on whether all or any part of their pay was set by an individual agreement, collective agreement, award, or a combination of these. Data was also collected on whether agreements (individual and collective) were certified, approved or registered with an industrial tribunal or authority. For employees whose pay was set by an award, data was also collected on whether they received more than the rate of pay specified in the award.

15 Employees have been classified to the different pay setting methods (individual agreements, collective agreements, or awards only) based on how their pay was set in the survey reference period. Employees who had any part of their pay set by more than one method were allocated to a single category using the following hierarchy. Employees who had their pay set by:

- an individual agreement as well as a collective agreement and/or an award were classified to the individual agreement category,
- a collective agreement and an award were classified to the collective agreement category.

16 This publication provides estimates of the proportion of employees for earnings ranges and methods of setting pay. Users who require employee estimates can use data from the Labour Force Survey which is published monthly in Labour Force, Australia (Cat. no. 6203.0). If users require employee estimates for the employer size and sector tables, it is recommended that they use estimates from the Survey of Employment and Earnings which is published quarterly in Wage and Salary Earners, Australia (Cat. no. 6248.0).

17 Care should be taken when comparing earnings data from this survey with the quarterly series Average Weekly Earnings, States and Australia (Cat. no. 6302.0), as different sample design and survey methodologies are used. The Survey of Average Weekly Earnings collects information relating to the total number of employees of employer units selected in the survey, whereas results from the Survey of Employee Earnings and Hours are obtained for a sample of employees within the employer units selected. In addition, the size of the employer sample for the Survey of Employee Earnings and Hours is larger than that for the Survey of Average Weekly Earnings.
18 Because of the two stage sampling methodology used for this survey to arrive at a sample of employees, it is not possible to ensure that the

## EXPLANATORY NOTES continued

COMPARABILITY OF RESULTS continued

RELIABILITY OF ESTIMATES

RELATED PUBLICATIONS
representation of all the subgroups of interest in the sample accurately reflects their representation in the population. Because of this, caution should be taken if using the estimates as a time series (especially estimates relating to occupation).

19 Estimates are subject to sampling and non-sampling errors. For information on the reliability of estimates see the Technical note.

20 Users may also wish to refer to the following publications:

- Average Weekly Earnings, States and Australia (Cat. no. 6302.0)—issued quarterly
- Employee Earnings and Hours, Australia (Cat. no. 6306.0)—two-yearly
- Employee Earnings, Benefits and Trade Union Membership, Australia (Cat. no. 6310.0)-issued annually
- Labour Force, Australia (Cat. no. 6203.0)—issued monthly
- Wage and Salary Earners, Australia (Cat. no. 6248.0)—issued quarterly
- Wage Cost Index, Australia (Cat. no. 6345.0)—issued quarterly

21 Current publications produced by the ABS are listed in the Catalogue of Publications and Products (Cat. no. 1101.0). The ABS also issues, on Tuesdays and Fridays, a Release Advice (Cat. no. 1105.0) which lists publications to be released in the next few days. The Catalogue and Release advice are available from any ABS office or from the ABS web site - www.abs.gov.au.

22 Estimates of earnings shown in the tables are rounded to the nearest 10 cents and those of average weekly hours paid for are rounded to the first decimal place.

23 Estimates of proportions of employees for earnings ranges and methods of setting pay are rounded to one decimal place.

24 Where figures have been rounded, discrepancies may occur between sums of the component items and totals.

## APPENDIX SPECIAL DATA SERVICE

INTRODUCTION
On release of this preliminary publication a limited range of unpublished data may be made available on request. Data availability will depend on the size of the standard errors for the estimates requested.

A larger range of unpublished data is normally available on release of the final publication Employee Earnings and Hours, Australia (Cat. no. 6306.0) which is expected to be released in March 2001.

Data can be produced for clients as customised reports in a variety of formats. Contact Mike Mahoney on 0893605305 for more information.

The survey populations and variables are listed below.

## POPULATION



VARIABLES

Note that all data is subject to ABS confidentiality provisions and data considered confidential will be suppressed. In general the more variables which are cross-classified in any one tabulation the more likely it is that some data will be suppressed. The following variables are available from this survey:

- Distribution of employees
- Composition of earnings
- Average hourly earnings - Non-managerial employees
- Composition of hours paid for - Non-managerial employees
- States and Territories
- Sector
- Public Institutional Sector - Available at final release
- Level of Government - Public Sector - Available at final release
- Age
- Sex
- Status of employee
- Type of employee
- Occupation
- Industry
- Employer unit size - Earnings - Available at final release
- Methods of setting pay - Award only, Collective agreements, Individual agreements
- Methods of setting pay - Jurisdiction - Available at final release, subject to final quality of data

1 As the estimates in this publication are based on a sample of employers and employees, rather than a full enumeration, they are subject to sampling variability. They may differ from the figures that would have been produced if the data had been obtained from all employers and all employees.

2 Inaccuracies in data may occur because of imperfections in reporting by businesses, forms design or in processing by the ABS. Such inaccuracies are referred to as non-sampling errors. Initially, every effort is made to reduce non-sampling error by:

- careful design and testing of questionnaires and data processing systems;
- providing detailed instructions to providers on how to respond to questions, and in particular, those on how employees' pay is set; and
- detailed checking of the reported employee data to ensure that the data was logical, consistent and complete.

3 The data input editing process was supported by the conduct of a post enumeration study (PES). The PES was conducted in person with data providers around Australia, and was used to identify any quality problems with the reported data. Those areas were targeted closely in the output editing stage of the survey to assist in minimising survey bias due to non-sampling error.

4 A quality assurance program was developed specifically to ensure the quality and relevance of the reported data on 'how pay is set'. The program encompassed the development and implementation of a comprehensive editing strategy for both the input and output data.

5 Any errors detected were followed up directly with the data providers, or in the case of registered collective agreements, checked against available listings of agreements. The more significant units, who collectively contributed to more than $45 \%$ of the survey estimates, were also directly contacted by telephone to verify their responses to the questions on 'how pay is set' for all selected employees. These providers were asked background questions on pay setting methods in their organisation, which was then used to validate the reported data.

6 The sampling error associated with any estimate can be estimated from the sample results. One measure of sampling error is given by the standard error, which indicates the degree to which an estimate may vary from the value that would have been obtained from a full enumeration (the 'true value'). There are about two chances in three that a sample estimate differs from the true value by less than one standard error, and about nineteen chances in twenty that the difference will be less than two standard errors.

7 An example of the use of a standard error is as follows. If the estimated average weekly total earnings for all male employees in Australia is $\$ 780.60$, with a standard error of $\$ 7.30$, then there would be about two chances in three that a full enumeration would have given an estimate in the range $\$ 773.30$ to $\$ 787.90$ and about nineteen chances in twenty that it would be in the range $\$ 766.00$ to \$795.20.

8 The difference between two survey estimates is also an estimate and it is therefore subject to sampling variability. The standard error on the difference between two survey estimates depends on the standard errors of the original estimates and on the relationship (correlation) between these two estimates. An approximate standard error on the difference between two survey estimates $(x-y)$ may be obtained by the following formula:

$$
\operatorname{SE}(x-y)=\operatorname{sqrt}\left(\operatorname{SE}(x)^{2}+\operatorname{SE}(y)^{2}\right)
$$

RELIABILITY OF ESTIMATES continued

PAY SETTING METHODS PROPORTIONS DATA

9 This formula will overestimate the standard error where there is a positive correlation between the two estimates (e.g. male and female school teachers). While this formula will only be accurate where there is no correlation between the two estimates (e.g. estimates from different States), it is expected to provide a reasonable approximation for the differences likely to be of interest.

10 Taking the estimated average weekly total earnings for all female employees in Australia to be $\$ 521.50$, with a standard error of $\$ 6.20$, the difference between the earnings of male and female employees is $\$ 259.10$. The estimate of the standard error of the difference between the average weekly total earnings for male and female employees in Australia is:

$$
\begin{aligned}
& \mathrm{SE}(\$ 780.60-\$ 521.50)=\operatorname{sqrt}\left((\$ 7.30)^{2}+(\$ 6.20)^{2}\right) \\
& =\$ 9.58
\end{aligned}
$$

11 There are about two chances in three that the true figure lies in the range $\$ 249.52$ to $\$ 268.68$, and about 19 chances in 20 that the figure is in the range $\$ 239.94$ to \$278.26.

12 While the formula above can be used to estimate the standard error on a difference between estimated averages in two different years, this survey is not specifically designed to measure this type of movement. To do so would require a high proportion of common employees selected in the survey for each year. While there is a reasonable proportion of common employers, it is very unlikely that common employees were selected in both the 1998 and 2000 surveys. Comparisons of this nature should therefore be made with caution (especially of estimates relating to occupation). When estimating the standard error of a movement between years, the movement standard error will be approximately 1.4 times the standard error on the level estimate, if the standard errors on the two level estimates are similar.
13 Another measure of the sampling error is the relative standard error, which is obtained by expressing the standard error as a percentage of the estimate to which it refers. The relative standard error is a useful measure in that it provides an immediate indication of the percentage errors likely to have occurred due to sampling, and thus avoids the need to refer also to the size of the estimate.

14 Relative standard errors can be calculated using the actual standard error and the survey estimate (referred to as x ) in the following manner:
$\operatorname{RSE} \%(\mathrm{x})=(\mathrm{SE}(\mathrm{x}) / \mathrm{x}) * 100$
15 For example, from table 1, the average weekly total earnings for all male employees in Australia is $\$ 780.60$, and for all female employees it is $\$ 521.50$. Table 14 shows an estimate for the standard error on the male estimate is $\$ 7.30$, and an estimate of the standard error on the female estimate is $\$ 6.20$.

16 Applying the above RSE\%(x) formula yields:
Males: $\operatorname{RSE} \%(780.60)=(7.30 / 780.60) * 100$
= 0.94\%
Females: $\operatorname{RSE} \%(521.50)=(6.20 / 521.50) * 100$
= 1.19\%
17 An asterisk appears against estimates in this publication where the sampling variability is considered high. This occurs when the relative standard error of the estimates is equal to or greater than $25 \%$ of the estimate. In these cases, the estimate should be used with caution.

18 Standard errors can be used to construct confidence intervals around the estimated proportions. There are about two chances in three that the 'true' value is within the interval that ranges from the sample estimate minus one standard

PAY SETTING METHODS PROPORTIONS DATA continued
error (estimate - 1xSE) to the sample estimate plus one standard error (estimate $+1 x S E)$. There are approximately 19 chances in 20 that the 'true' value lies within the interval from the estimate minus 2 standard errors (estimate -2 xSE ) to the estimate plus two standard errors (estimate +2 xSE ).

19 The above rule gives a symmetric confidence interval that is reasonably accurate when the estimated proportion is not too near 0.00 or 1.00 . Where the estimated proportion is close to 0.00 or 1.00 it would be more accurate to use a confidence interval that was not symmetric around the sample estimate. If an estimate is close to 1.00 , then the upper boundary of the confidence interval should be closer to the sample estimate than suggested above, while the lower boundary should be further from the sample estimate. Similarly, if an estimate is close to 0.00 , then the lower boundary of the confidence interval should be closer to the sample estimate than suggested above, while the upper boundary should be further from the sample estimate. In particular, the symmetric confidence interval could include values that are not between 0.00 and 1.00. In such a case a good rule of thumb is to use a confidence interval of the same size as the symmetric one, but with the lower (or upper) boundary set to 0.00 (or 1.00).

20 Table 16 contains estimates of standard errors from which confidence intervals may be constructed.

Adult employees

Average (mean) earnings

Adult employees are those employees who are 21 years of age or over and employees under 21 who are paid at the full adult rate for their occupation.

Average (mean) earnings refers to the amount obtained by dividing the total earnings of a group (e.g. full-time employees) by the number of employees in that group.

| Awards | Awards are legally enforceable determinations made by Federal or State industrial <br> tribunals that set the terms of employment (pay and/or conditions) usually in a <br> particular industry or occupation. |
| :---: | :--- |
| Collective agreements $\quad$Collective agreements (registered or unregistered) set the terms of employment <br> (pay and/or conditions) for a group of employees. They result from bargaining <br> between an employer (or group of employers) and a group of employees (or one <br> or more unions or employee associations representing the employees). |  |
| Employees $\quad$Refers to employees, as defined in paragraphs 4 and 5 of the Explanatory Notes, <br> who received pay for any part of the reference period. |  |

Refers to employees who are covered by awards and who were not paid more than the award rate of pay in the survey reference period.

Refers to employees who had all or any part of their wages or salaries paid in the survey reference period set by registered or unregistered collective agreements and enterprise awards. This group also includes employees who had their pay set by both collective agreements and awards.

Refers to employees who had all or any part of their wages or salaries paid in the survey reference period set by individual agreements. This group also includes employees who had their pay set by individual agreements in conjunction with other pay setting mechanisms (awards and/or collective agreements). This group mainly consists of employees whose pay is set by an individual common law contract, employees receiving overaward payments by individual agreement, and working proprietors who set their own rate of pay.

Full-time employees
Full-time employees are permanent, temporary and casual employees who normally work the agreed or award hours for a full-time employee in their occupation and received pay for any part of the reference period. If agreed or award hours do not apply, employees are regarded as full-time if they ordinarily work 35 hours or more per week. Casual employees whose hours vary each week are classified as full-time based on the hours worked in the reference week.

## Individual agreements/contracts

## Junior employees

Managerial employees

Median earnings

Industry Industry is classified according to the Australian and New Zealand Standard Industrial Classification 1993. Junior employees are those employees who are under 21 years of age and are not paid at the adult rate for their occupation.
Managerial employees are defined as those employees who are in charge of a significant number of employees or have significant responsibilities in the conduct or operations of the organisation and usually do not receive payment for overtime. Includes professionally qualified staff who primarily perform managerial tasks in conjunction with utilising their professional skills. Working managerial tasks in conjunction with utilising their professional skills. Working
proprietors and working directors of own incorporated businesses have been included as managerial employees.
Individual agreements (registered or unregistered) or individual contracts set the terms of employment (pay and/or conditions) for an individual employee and are agreed to by the individual rather than on behalf of the individual.

Median earnings refers to the amount of earnings which divides the distribution into two groups with equal numbers of employees, one half with earnings below the median and the other half with earnings above the median.

| Non-managerial employees | Non-managerial employees are those who are not managerial employees as <br> defined above and includes supervisors and non-managerial professionals. |
| :---: | :--- |
| Occupation | Occupation is classified according to the Australian Standard Classification of <br> Occupations, Second Edition. |
| Ordinary time earnings | Ordinary time earnings of employees refers to one week's earnings for the <br> reference period attributable to award, standard or agreed hours of work. It is <br> calculated before taxation and any other deductions have been made. Included in <br> ordinary time earnings are agreed base rates of pay; penalty payments; shift and <br> other taxable allowances; commissions and retainers; bonuses related to the <br> reference period; payments under incentive or piecework; payments for leave |
|  | taken during the reference period; all workers' compensation payments made <br> through the payroll; and salary payments made to directors. Excluded are |
|  | non-cash components of salary packages, overtime payments, retrospective pay, <br> pay in advance, leave loadings, severance pay, and termination and redundancy <br> payments. |
| Undinary time hours paid for | Ordinary time hours paid for refers to employees' award, standard or agreed <br> hours of work paid for at the ordinary rate. It includes standby or reporting time |
| which are part of standard hours of work, and that part of annual leave, paid sick |  |

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[^0]:    * estimate is subject to sampling variability too high for most practical purposes

[^1]:    - nil or rounded to zero (including null cells)
    * estimate is subject to sampling variability too high for most practical purposes
    (a) See paragraph 13 of the Explanatory Notes.

[^2]:    * estimate is subject to sampling variability too high for most practical purposes

[^3]:    (a) Standard Errors are a measure of sampling error. See the Technical Note
    (b) Excludes permanent defence forces.
    (c) Excludes private households employing staff.
    (d) Excludes agriculture, forestry and fishing.

[^4]:    (a) Standard Errors are a measure of sampling error. See the Technical Note.

[^5]:    - nil or rounded to zero (including null cells)
    (a) Standard Errors are a measure of sampling error. See the Technical Note.
    (b) Includes registered and unregistered collective agreements.
    (c) Includes registered and unregistered individual agreements.

