# WEEKLY EARNINGS OF EMPLOYEES (DISTRIBUTION) AUSTRALIA 

## AUGUST 1989

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## ADDITIONAL DATA ON REQUEST

The ABS offers a range of unpublished data from this survey upon request.
Appendix D specifies the variables, categories and populations which relate to the survey and includes an order form for special tables.

The population(s) for a particular variable refers to the persons in the survey to whom the variable relates.

## SUMMARY OF FINDINGS

NOTE. Care should be exercised when comparing the means derived from distributions of eamings in this publication with estimates of average weekly earnings included in Average Weekly Earnings, States and Australia (6302.0) (see paragraph 11 of the Explanatory Notes, Appendix B).

Estimates from the survey of Weekly Earnings of Employees shown in this publication enable comparisons and analyses to be made of the distribution of earnings, especially in relation to demographic characteristics such as age, gender, marital status and family status, and other characteristics such as hours paid for, full-time and part-time workers and occupation.

## All employees, mean weekly earnings, August 1983 to August 1989

- Between August 1983 and August 1989 employees' mean weekly earnings from all jobs increased from $\$ 288$ to $\$ 423$. The increase in the twelve months to August 1989, was $\$ 29$.
- The mean weekly earnings from all jobs for females continue to be lower than that recorded by males, $\$ 325$ compared to $\$ 495$. Females represent 42 per cent of all employces in August 1989.
- Part-time employment has grown by 55 per cent since August 1983, with similar growth in the number of male and female part-time employees ( 54 per cent and 55 per cent respectively). However, increases in mean weekly earnings were markedly different. Female part-lime employees received an increase in their mean weekly earnings from main job of 49 per cent from $\$ 127$ in 1983 to $\$ 189$ in 1989, compared with their male counterparts whose mean weekly earnings increased by 9 per cent from $\$ 156$ to $\$ 170$.

DIAGRAM 1. ALL EMPLOYEES: MEAN WEEKLY EARNINGS AND FULL-TIME AND PART-TIME EMPLUYEES, AUGUST 1983 TO AUGUST 1989



Source: Table 2

All employees, median weekly earnings, August 1989

- An estimated 86 per cent of male employees were employed as permanent full-ime in their main (or only) job at August 1989. Their median weekly eamings from their main job was $\$ 470$. By comparison 57 per cent of female employees were permanent full-time in their main job, with median weekly earnings from their main job of $\$ 384$.
- One in four female employees working in their main job at August 1989, did so as casual part-timers, with median weekly earnings of $\$ 127$. The equivalent male earnings was $\$ 94$, and this form of employment accounted for only 6 per cent of all male employees.
Median earnings from main job -
- Male full-ime employecs: $\$ 468$
- Female full-time employees: $\$ 381$
- Male part-ime employees: $\$ 114$
- Female part-time employees: $\$ 171$

DIAGRAM 2. ALL EMPLOYEES: FULL-TIME AND PART.TIME EMPLOYEES AND WEEKLY EARNINGS, AUGLST 1989


Source: Table 3

Full-time employees, mean weekly earnings in main job
In August 1989, 78 per cent of employees worked on a full-time basis in their main job, and their mean weekly carnings were $\$ 484$.
Mean weekly earnings varied according to occupation major group-

- Managers and administrators: $\$ 649$ ( $\$ 670$ males, $\$ 528$ females)
- Professionals: $\$ 637$ (\$680 males, $\$ 558$ females)
- Salespersons and personal service workers: $\$ 412$ ( $\$ 477$ males, $\$ 348$ females)
- Labourers and related workers: $\$ 401$ ( $\$ 423$ males, $\$ 325$ females)
and by industry division-
- Mining: \$728 (\$748 males, \$542 females)
- Agriculture, forestry, fishing and hunting: \$369 (\$381 males, \$294 females)


Males aged between 35 and 44 years had mean weekly earnings of $\$ 595$, the highest of the age groups tabulated. For males aged 15 to 19 years, mean weekly earnings were $\$ 253$ and for males aged 60 and over the mean was $\$ 492$. By comparison, females aged 25 to 34 years recorded the highest mean weekly earnings (\$457) of the age groups tabulated.

## Employees median weekly earnings in a second job

- An estimated 199,000 employees worked in a second wage and salary job at August 1989 of which females represented 52 per cent.
- The median weekly earnings of all employees from their second jobs was $\$ 85$, while for male and femalc employees it was $\$ 98$ and $\$ 75$ respectively.

TABLE 1. ALL EMPLOYEES : MEAN WEEKLY EARNINGS BY FULL-TIME AND PART-TIME EMPLOYEES, AUGUST 1983 TO AUGUST 1989


TABLE 2. ALL EMPLOYEES: MEAN WEEKLY EARNINGS BY FULL-TIME AND PART-TIME EMPLOYEES AND STATES AND TERRITORIES, AUGUST 1983 TO AUGUST 1989
(dollars)

|  | N.S.W. | Vic. | Qld | S.A. | W.A. | Tas. | N.T. | A.C.T. | Australia |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Full-time employees- |  |  |  |  |  |  |  |  |  |
| 1983 | 321 | 314 | 315 | 305 | 323 | 305 | 369 | 377 | 318 |
| 1984 | 350 | 335 | 328 | 330 | 352 | 329 | 407 | 409 | 342 |
| 1985 | 370 | 364 | 358 | 355 | 375 | 340 | 432 | 433 | 367 |
| 1986 | 400 | 387 | 380 | 375 | 395 | 369 | 435 | 483 | 392 |
| 1987 | 428 | 410 | 403 | 406 | 419 | 383 | 465 | 493 | 417 |
| 1988 | 454 | 440 | 425 | 428 | 452 | 431 | 497 | 522 | 445 |
| 1989 | 491 | 479 | 469 | 465 | 502 | 459 | 563 | 564 | 485 |
| Part-time employees- |  |  |  |  |  |  |  |  |  |
| 1983 | 142 | 128 | 131 | 134 | 116 | 127 | 150 | 151 | 133 |
| 1984 | 156 | 138 | 132 | 132 | 128 | 125 | 151 | 169 | 142 |
| 1985 | 168 | 154 | 137 | 144 | 138 | 144 | 172 | 153 | 153 |
| 1986 | 167 | 160 | 138 | 154 | 147 | 149 | 187 | 165 | 157 |
| 1987 | 178 | 167 | 157 | 168 | 152 | 150 | 155 | 188 | 168 |
| 1988 | 186 | 194 | 160 | 181 | 170 | 152 | 232 | 185 | 181 |
| 1989 | 193 | 185 | 171 | 186 | 180 | 171 | 207 | 192 | 185 |
| Total- |  |  |  |  |  |  |  |  |  |
| 1983 | 292 | 284 | 285 | 273 | 285 | 274 | 349 | 336 | 288 |
| 1984 | 318 | 302 | 295 | 292 | 312 | 292 | 374 | 362 | 308 |
| 1985 | 336 | 328 | 318 | 313 | 330 | 307 | 401 | 380 | 329 |
| 1986 | 359 | 348 | 337 | 329 | 347 | 325 | 398 | 423 | 350 |
| 1987 | 380 | 362 | 355 | 354 | 366 | 338 | 412 | 432 | 368 |
| 1988 | 405 | 393 | 372 | 375 | 393 | 371 | 458 | 453 | 394 |
| 1989 | 433 | 419 | 407 | 401 | 434 | 393 | 510 | 479 | 423 |

TABLE 3. ALL EMPLOYEES: FULL.TIME AND PART-TIME EMPLOYEES, WEEKLY EARNINGS AND PERMANENT AND CASUAL EMPLOYEES IN MAIN JOB, AUGUST 1989

|  |  |  | Permonent employees |  |  | Casual employees |  |  | Total |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  | Males | Females | Persons | Males | Females | Persons | Males | Females | Persons |
| FULL-TIME EMPLOYEES |  |  |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  | --'000-- |  |  |  |  |  |  |
| Weekly earnings (\$).- |  |  |  |  |  |  |  |  |  |  |  |
| Unde | 160 |  | 52.0 | 32.5 | 84.4 | 21.0 | 13.6 | 34.6 | 72.9 | 46.1 | 119.0 |
| 160 a | dun | 200 | 58.3 | 42.0 | 100.3 | 7.6 | 8.1 | 15.7 | 65.9 | 50.1 | 116.0 |
| 200 | - | 240 | 77.3 | 74.2 | 151.6 | 13.4 | 10.8 | 24.2 | 90.7 | 85.1 | 175.8 |
| 240 | " | 280 | 102.0 | 99.8 | 201.8 | 15.3 | 13.6 | 29.0 | 117.4 | 113.4 | 230.8 |
| 280 | $\cdots$ | 320 | 168.6 | 176.5 | 345.1 | 21.9 | 15.3 | 37.2 | 190.5 | 191.8 | 382.3 |
| 320 | $\cdots$ | 360 | 283.3 | 235.7 | 519.0 | 20.3 | 13.8 | 34.1 | 303.6 | 249.5 | 553.1 |
| 360 | $\cdots$ | 400 | 310.2 | 175.1 | 485.3 | 25.8 | 13.4 | 39.2 | 336.0 | 188.5 | 524.6 |
| 400 | $\cdots$ | 440 | 326.7 | 151.6 | 478.2 | 23.4 | 12.4 | 35.9 | 350.1 | 164.0 | 514.1 |
| 440 | $\cdots$ | 480 | 261.7 | 120.3 | 382.0 | 14.2 | 9.5 | 23.7 | 275.9 | 129.8 | 405.8 |
| 480 | $\cdots$ | 520 | 257.9 | 121.4 | 379.2 | 20.4 | 6.0 | 26.4 | 278.2 | 127.4 | 405.6 |
| 520 | " | 560 | 231.9 | 94.7 | 326.6 | 13.9 | - 3.2 | 17.1 | 245.8 | 97.8 | 343.7 |
| 560 | $\cdots$ | 600 | 166.8 | 68.5 | 235.3 | 8.1 | - 2.6 | 10.7 | 174.9 | 71.1 | 246.0 |
| 600 | " | 640 | 162.8 | 49.8 | 212.6 | 10.0 | - 2.6 | 12.6 | 172.8 | 52.4 | 225.2 |
| 640 | " | 680 | 123.0 | 38.4 | 161.4 | 10.0 | - 2.5 | 12.4 | 133.0 | 40.8 | 173.8 |
| 680 | $\cdots$ | 720 | 125.2 | 28.6 | 153.8 | 7.2 | * 0.7 | 7.9 | 132.4 | 29.2 | 161.6 |
| 720 | $\cdots$ | 760 | 87.7 | 16.7 | 104.4 | 7.1 | * 0.7 | 7.8 | 94.8 | 17.4 | 112.2 |
| 760 | $\cdots$ | 800 | 104.9 | 16.1 | 121.0 | 5.8 | * 0.3 | 6.1 | 110.8 | 16.4 | 127.1 |
| 800 and over |  |  | 296.4 | 23.9 | 320.4 | 26.3 | * 3.3 | 29.6 | 322.7 | 27.3 | 350.0 |
| Total |  |  | 3,196.7 | 1.565 .7 | 4,762.4 | 271.8 | 132.4 | 4042 | 3,468.5 | 1.698.1 | 5,166.6 |
|  |  |  |  |  | - dollars-- |  |  |  |  |  |  |
| Median weekly eamings |  |  | 473 | 387 | 441 | 417 | 333 | 387 | 469 | 383 | 436 |
| Mean weekly eamings |  |  | 524 | 415 | 488 | 483 | 369 | 446 | 521 | 411 | 485 |
| PART-TLME EMPLOYEES |  |  |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  | -'000-- |  |  |  |  |  |  |
| Weekly earnings (\$)-- |  |  |  |  |  |  |  |  |  |  |  |
| Under 40 |  |  | * 1.4 | * 3.2 | 4.6 | 48.6 | 86.9 | 135.6 | 50.0 | 90.1 | 140.1 |
| 40 and under 80 |  |  | * 1.3 | 11.5 | 12.8 | 54.1 | 134.9 | 188.9 | 55.4 | 146.4 | 201.8 |
| 80 | " | 120 | * 2.2 | 24.4 | 26.6 | 35.5 | 101.7 | 137.2 | 37.7 | 126.1 | 163.8 |
|  | $\cdots$ | 160 | 3.9 | 37.3 | 41.2 | 20.5 | 88.1 | 108.6 | 24.4 | 125.4 | 149.8 |
|  | $\cdots$ | 200 | 6.0 | 55.3 | 61.3 | 14.8 | 77.7 | 92.5 | 20.8 | 133.1 | 153.8 |
|  | $\cdots$ | 240 | 4.9 | 61.2 | 66.1 | 11.8 | 58.6 | 70.4 | 16.7 | 119.8 | 136.5 |
| 240 | $\cdots$ | 280 | 5.3 | 60.3 | 65.6 | 8.3 | 50.8 | 59.1 | 13.5 | 111.1 | 124.6 |
| 280 | $\cdots$ | 320 | 4.4 | 43.3 | 47.6 | 5.7 | 30.9 | 36.6 | 10.1 | 74.2 | 84.3 |
| 320 | $\cdots$ | 360 | 4.6 | 30.0 | 34.6 | 7.1 | 18.3 | 25.3 | 11.6 | 48.3 | 60.0 |
| 360 | $\cdots$ | 400 | - 2.8 | 16.5 | 19.3 | * 2.6 | 9.4 | 12.0 | 5.4 | 25.9 | 31.2 |
| 400 | $\cdots$ | 440 | - 1.7 | 13.6 | 15.3 | * 1.9 | 5.9 | 7.8 | 3.7 | 19.5 | 23.1 |
| 440 and over |  |  | 12.3 | 29.6 | 41.9 | 7.2 | 12.6 | 19.7 | 19.5 | 42.2 | 61.7 |
| Total |  |  | 50.8 | 386.2 | 437.0 | 218.0 | 675.8 | 893.8 | 268.8 | 1,062.0 | 1.330 .8 |
|  |  |  |  |  | --dollars-- |  |  |  |  |  |  |
| Median weekly eamings Mean weekly eamings |  |  | 283 | 239 | 243 | 86 | 126 | 115 | 110 | 172 | 162 |
|  |  |  | 342 | 257 | 267 | 129 | 149 | 144 | 170 | 189 | 185 |
| TOTAL |  |  |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  | --'000-- |  |  |  |  |  |  |
| Weekly earnings (\$)-- |  |  |  |  |  |  |  |  |  |  |  |
| Under 160 |  |  | 60.8 | 108.8 | 169.6 | 179.7 | 425.2 | 604.9 | 240.5 | 534.0 | 774.5 |
| 160 and under 200 |  |  | 64.3 | 97.3 | 161.6 | 22.4 | 85.8 | 108.2 | 86.7 | 183.1 | 269.8 |
| 200 | $\cdots$ | 240 | 82.3 | 135.4 | 217.7 | 25.2 | 69.5 | 94.7 | 107.4 | 204.9 | 312.3 |
| 240 | " | 280 | 107.3 | 160.1 | 267.4 | 23.6 | 64.4 | 88.0 | 130.9 | 224.5 | 355.4 |
| 280 | $\cdots$ | 320 | 173.0 | 219.7 | 392.7 | 27.6 | 46.2 | 73.9 | 200.6 | 266.0 | 466.5 |
| 320 | $\cdots$ | 360 | 287.8 | 265.8 | 553.6 | 27.4 | 32.1 | 59.5 | 315.2 | 297.9 | 613.1 |
|  | $\cdots$ | 400 | 313.0 | 191.6 | 504.6 | 28.4 | 22.8 | 51.2 | 341.4 | 214.4 | 555.8 |
| 400 | " | 440 | 328.4 | 165.2 | 493.6 | 25.4 | 18.3 | 43.7 | 353.8 | 183.5 | 537.2 |
| 440 | $\cdots$ | 480 | 263.3 | 125.6 | 389.0 | 15.8 | 13.3 | 29.1 | 279.1 | 139.0 | 418.0 |
| 480 | $\cdots$ | 520 | 260.3 | 130.9 | 391.2 | 21.5 | 8.4 | 29.8 | 281.8 | 139.3 | 421.0 |
| 520 | " | 560 | 233.0 | 99.2 | 332.2 | 14.8 | 4.6 | 19.4 | 247.8 | 103.8 | 351.7 |
| 560 | " | 600 | 167.2 | 71.6 | 238.9 | 8.7 | 3.8 | 12.4 | 175.9 | 75.4 | 251.3 |
| 600 | $\cdots$ | 640 | 163.9 | 51.6 | 215.4 | 11.4 | 4.8 | 16.2 | 175.2 | 56.4 | 231.6 |
| 640 | " | 680 | 125.2 | 40.0 | 165.2 | 10.2 | * 2.6 | 12.8 | 135.4 | 42.6 | 178.0 |
| 680 | " | 720 | 125.9 | 30.1 | 155.9 | 7.9 | * 1.3 | 9.3 | 133.8 | 31.4 | 165.2 |
| 720 | $\cdots$ | 760 | 88.1 | 17.3 | 105.4 | 7.5 | - 0.8 | 8.3 | 95.6 | 18.1 | 113.7 |
| 760 | $\cdots$ | 800 | 105.1 | 16.8 | 121.9 | 5.8 | - 0.7 | 6.6 | 110.9 | 17.5 | 128.5 |
| 800 and over |  |  | 298.7 | 24.8 | 323.5 | 26.7 | 3.5 | 30.2 | 325.4 | 28.2 | 353.7 |
| Total |  |  | 3,247.5 | 1,951.9 | 5,199.4 | 489.8 | 808.2 | 1,298.0 | 3,737.3 | 2,760.1 | 6,497.4 |
|  |  |  |  |  | --dollars-- |  |  |  |  |  |  |
| Median weekly eamings |  |  | 470 | 357 | 426 | 269 | 146 | 175 | 452 | 314 | 392 |
| Mean weekly eamings |  |  | 521 | 383 | 469 | 326 | 185 | 238 | 495 | 325 | 423 |

TABLE 4. ALL EMPLOYEES: FULL.TIME AND PART-TIME EMPLOYEES IN MAIN JOB, WEEKLY EARNINGS IN MAIN JOB AND PERMANENT AND CASUAL EMPLOYEES IN MAIN JOB, AUGUST 1989

|  |  |  | Permanent employees |  |  | Casual emplovees |  |  | Total |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  | Males Females Persons |  |  | Males Females |  | Persons | Males | Females | Persons |
| FULL-TIME EMPLOYEES IN MAIN JOB |  |  |  |  |  |  |  |  |  |  |  |
| --'000-- |  |  |  |  |  |  |  |  |  |  |  |
| Weekly earnings in main job (\$).- |  |  |  |  |  |  |  |  |  |  |  |
| Unde | 160 |  | 54.2 | 35.9 | 90.0 | 19.5 | 11.8 | 31.3 | 73.6 | 47.7 | 121.3 |
| 160 a | d un | 200 | 59.9 | 43.7 | 103.5 | 6.4 | 5.6 | 12.0 | 66.2 | 49.3 | 115.5 |
| 200 | ${ }^{\prime}$ | 240 | 77.9 | 76.6 | 154.4 | 10.8 | 7.1 | 17.9 | 88.7 | 83.6 | 172.3 |
| 240 | ${ }^{\prime}$ | 280 | 103.0 | 101.3 | 204.3 | 10.7 | 7.2 | 17.9 | 113.8 | 108.5 | 222.2 |
| 280 | $\cdots$ | 320 | 171.4 | 179.8 | 351.1 | 17.5 | 10.6 | 28.2 | 188.9 | 190.4 | 379.3 |
| 320 | $\cdots$ | 360 | 288.3 | 239.2 | 527.4 | 16.0 | 10.1 | 26.2 | 304.3 | 249.3 | 553.6 |
| 360 | $\cdots$ | 400 | 311.7 | 176.7 | 488.5 | 21.4 | 8.9 | 30.3 | 333.1 | 185.7 | 518.7 |
| 400 | " | 440 | 329.6 | 151.3 | 480.9 | 18.2 | 7.5 | 25.7 | 347.9 | 158.8 | 506.7 |
| 440 | $\cdots$ | 480 | 263.6 | 118.0 | 381.5 | 12.4 | 6.3 | 18.7 | 276.0 | 124.3 | 400.2 |
| 480 | $\cdots$ | 520 | 257.3 | 120.8 | 378.0 | 18.9 | 4.6 | 23.5 | 276.2 | 125.4 | 401.5 |
| 520 | $\cdots$ | 560 | 230.3 | 93.6 | 323.9 | 13.5 | * 1.5 | 14.9 | 243.8 | 95.1 | 338.8 |
| 560 | $\cdots$ | 600 | 165.9 | 67.7 | 233.6 | 7.3 | * 1.2 | 8.4 | 173.2 | 68.9 | 242.1 |
| 600 | $\cdots$ | 640 | 163.3 | 49.3 | 212.6 | 9.5 | -1.5 | 11.0 | 172.8 | 50.8 | 223.6 |
| 640 | $\cdots$ | 680 | 122.0 | 37.7 | 159.7 | 9.5 | * 1.5 | 11.0 | 131.5 | 39.1 | 170.7 |
| 680 | $\cdots$ | 720 | 123.7 | 28.1 | 151.8 | 6.5 | * 0.4 | 6.8 | 130.2 | 28.5 | 158.7 |
| 720 | $\cdots$ | 760 | 86.5 | 15.6 | 102.1 | 6.6 | * 0.3 | 6.8 | 93.1 | 15.9 | 109.0 |
| 760 | " | 800 | 103.4 | 16.2 | 119.6 | 6.0 | * 0.6 | 6.6 | 109.3 | 16.9 | 126.2 |
| 800 and over |  |  | 289.9 | 22.8 | 312.7 | 23.7 | * 2.8 | 26.4 | 313.5 | 25.6 | 339.1 |
| Total |  |  | 3,201.8 | 1.574 .2 | 4.776 .0 | 234.3 | 89.3 | 323.6 | 3.436 .2 | 1,663.5 | 5,099.7 |
| --dollars-- |  |  |  |  |  |  |  |  |  |  |  |
| Median weekly eamings in main job Mean weekly eamings in main job |  |  | 470 | 384 | 438 | 432 | 328 | 396 | 468 | 381 | 436 |
|  |  |  | 521 | 411 | 485 | 495 | 371 | 461 | 519 | 409 | 484 |
| PART-TTME EMPLOYEES IN MAIN JOB |  |  |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  | '000-- |  |  |  |  |  |  |
| Weekly earnings in main job (\$)-- |  |  |  |  |  |  |  |  |  |  |  |
|  |  |  | - 1.1 | - 2.8 | 3.9 | 46.3 | 84.5 | 130.9 | 47.4 | 87.3 | 134.8 |
| 40 a | d un | 80 | * 0.9 | 10.4 | 11.3 | 52.3 | 131.1 | 183.4 | 53.2 | 141.5 | 194.7 |
| 80 | " | 120 | * 1.6 | 23.6 | 25.2 | 33.6 | 100.2 | 133.8 | 35.2 | 123.8 | 159.0 |
| 120 | " | 160 | 4.2 | 38.3 | 42.5 | 18.5 | 86.9 | 105.4 | 22.7 | 125.2 | 147.9 |
|  | " | 200 | 5.9 | 54.2 | 60.1 | 14.8 | 76.9 | 91.8 | 20.7 | 131.2 | 151.9 |
| 200 | " | 240 | 3.6 | 60.8 | 64.4 | 11.0 | 57.8 | 68.8 | 14.7 | 118.6 | 133.2 |
|  | " | 280 | 5.5 | 58.7 | 64.2 | 11.2 | 49.1 | 60.3 | 16.6 | 107.8 | 124.4 |
| 280 | " | 320 | * 3.2 | 40.0 | 43.2 | 7.4 | 30.6 | 37.9 | 10.6 | 70.5 | 81.1 |
| 320 | " | 360 | * 2.7 | 27.2 | 30.0 | 8.0 | 18.8 | 26.7 | 10.7 | 46.0 | 56.7 |
|  | $\cdots$ | 400 | * 3.1 | 15.6 | 18.7 | 4.8 | 10.0 | 14.8 | 7.9 | 25.6 | 33.5 |
| 400 | " | 440 | - 1.5 | 12.2 | 13.7 | 4.2 | 6.9 | 11.1 | 5.7 | 19.1 | 24.8 |
| 440 | nd 0 |  | 7.2 | 24.1 | 31.2 | 9.5 | 12.8 | 22.3 | 16.6 | 36.9 | 53.5 |
| Total |  |  | 40.6 | 367.9 | 408.5 | 221.6 | 665.4 | 887.0 | 262.1 | 1,033.3 | 1,295 5 |
|  |  |  |  |  |  |  |  |  |  |  |  |
| Median weekly eamings in main job Mean weekly eamings in main job |  |  | 261 | 235 | 237 | 94 | 127 | 118 | 114 | 171 | 162 |
|  |  |  | 300 | 252 | 257 | 145 | 151 | 149 | 169 | 187 | 183 |
| TOTAL (a) |  |  |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  | '000-- |  |  |  |  |  |  |
| Weekly earnings in main job (\$).. |  |  |  |  |  |  |  |  |  |  |  |
| Unde | 160 |  | 62.3 | 113.0 | 175.2 | 182.5 | 436.4 | 618.9 | 244.8 | 549.3 | 794.1 |
| 160 | d un | 200 | 65.8 | 99.0 | 164.8 | 22.4 | 87.1 | 109.4 | 88.1 | 186.1 | 274.2 |
| 200 | " | 240 | 82.2 | 138.5 | 220.7 | 25.0 | 70.0 | 95.0 | 107.3 | 208.4 | 315.7 |
| 240 | " | 280 | 109.1 | 160.9 | 270.0 | 24.7 | 61.6 | 86.3 | 133.8 | 222.5 | 356.3 |
| 280 | " | 320 | 175.6 | 220.6 | 396.3 | 28.5 | 45.3 | 73.8 | 204.1 | 266.0 | 470.0 |
| 320 | $\cdots$ | 360 | 291.8 | 267.2 | 559.0 | 26.5 | 31.3 | 57.9 | 318.3 | 298.5 | 616.8 |
| 360 | " | 400 | 315.4 | 192.7 | 508.1 | 27.4 | 21.8 | 49.2 | 342.8 | 214.5 | 557.3 |
| 400 | " | 440 | 331.3 | 163.7 | 495.0 | 23.8 | 16.4 | 40.1 | 355.0 | 180.1 | 535.1 |
| 440 | " | 480 | 264.7 | 123.8 | 388.5 | 15.7 | 11.6 | 27.4 | 280.5 | 135.4 | 415.8 |
| 480 | " | 520 | 259.3 | 129.8 | 389.0 | 22.3 | 8.1 | 30.4 | 281.5 | 137.9 | 419.4 |
| 520 | " | 560 | 230.7 | 98.0 | 328.7 | 14.7 | 3.6 | 18.3 | 245.4 | 101.6 | 347.0 |
| 560 | " | 600 | 167.1 | 70.2 | 237.4 | 8.5 | * 3.4 | 11.9 | 175.7 | 73.6 | 249.3 |
| 600 | $\cdots$ | 640 | 164.4 | 50.0 | 214.4 | 11.3 | 4.4 | 15.8 | 175.7 | 54.4 | 230.1 |
| 640 | $\cdots$ | 680 | 122.8 | 38.5 | 161.3 | 10.0 | * 2.0 | 12.0 | 132.8 | 40.6 | 173.4 |
| 680 | $\cdots$ | 720 | 124.0 | 29.4 | 153.4 | 7.7 | * 0.8 | 8.5 | 131.7 | 30.2 | 161.9 |
| 720 | $\cdots$ | 760 | 86.8 | 16.1 | 102.9 | 6.9 | - 0.4 | 7.3 | 93.7 | 16.5 | 110.2 |
| 760 | " | 800 | 103.8 | 16.7 | 120.5 | 6.7 | - 0.8 | 7.5 | 110.4 | 17.5 | 128.0 |
| 800 | d 0 |  | 290.5 | 23.7 | 314.3 | 25.3 | * 3.2 | 28.5 | 315.9 | 26.9 | 342.8 |
| Total |  |  | 3,247.5 | 1,951.9 | 5,199.4 | 489.8 | 808.2 | 1,298.0 | 3,737.3 | 2,760.1 | 6,497.4 |
| - $356{ }^{\text {-dollars-- }}$ |  |  |  |  |  |  |  |  |  |  |  |
| Median weekly eamings in main job |  |  | 468 | 356 | 424 | 263 | 146 | 170 | 450 | 311 | 389 |
| Mean weekly eamings in main job |  |  | 518 | 381 | 467 | 321 | 180 | 233 | 492 | 322 | 420 |

[^0]TABLE 5. ALL EMPLOYEES: WEEKLY EARNINGS IN MAIN JOB, FULL.TIME AND TOTAL EMPLOYEES IN MAIN JOB AND OCCUPATION, AUGUST 1989


[^1]TABLE 6. ALL EMPLOYEES: WEEKLY EARNINGS IN MAIN JOB, FULL-TIME AND TOTAL
EMPLOYEES IN MAIN JOB AND INDUSTRY, AUGUST 1989


TABLE 6. ALL EMPLOYEES: WEEKLY EARNINGS IN MAIN JOB, FULL-TIME AND TOTAL
EMPLOYEES IN MAIN JOB AND INDUSTRY, AUGUST 1989 -continued

(a) Includes 1,295,500 employees who worked on a part-time basis in their main job and 102,200 persons whose full-time/part-time status in main job could not be determined.

TABLE 7. ALL EMPLOYEES: WEEKLY EARNINGS IN MAIN JOB AND HOURS PAID FOR IN MAIN JOB, AUGUST 1989


TABLE 8. FULL-TIME EMPLOYEES IN MAIN JOB: WEEKLY EARNINGS IN MAIN JOB AND AGE, AUGUST 1989


TABLE 9. EMPLOYEES WHO WORKED IN A SECOND JOB: WEEKLY EARNINGS IN SECOND JOB AND WEEKLY EARNINGS IN MAIN JOB, AUGUST 1989

|  | Weekly earnings in main job (\$) |  |  |  |  |  | Total | Median weekly earnings in main job | $\begin{array}{r} \text { Mean } \\ \text { weekly } \\ \text { earnings } \\ \text { in } \\ \text { main iob } \end{array}$ |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | Under 120 | $\begin{array}{r} 120 \text { and } \\ \text { under } 200 \\ \hline \end{array}$ | $\begin{array}{r} 200 \text { and } \\ \text { under } 280 \end{array}$ | $\begin{array}{r} 280 \text { and } \\ \text { under } 360 \end{array}$ | $\begin{array}{r} 360 \text { and } \\ \text { under } 480 \\ \hline \end{array}$ | $\begin{gathered} 480 \text { and } \\ \text { over } \end{gathered}$ |  |  |  |
| MALES |  |  |  |  |  |  |  |  |  |
|  |  |  | --'000- |  |  |  |  |  |  |
| Weekly earnings in second job (\$)-- |  |  |  |  |  |  |  |  |  |
| Under 60 | 6.2 | - 2.8 | * 2.2 | 4.5 | 6.0 | 9.7 | 31.6 | 361 | 380 |
| 60 and under 120 | - 1.0 | * 2.2 | - 2.5 | * 2.6 | 5.9 | 10.8 | 25.0 | 444 | 457 |
| 120 and over | +1.4 | * 1.1 | * 2.7 | 5.9 | 9.5 | 19.0 | 39.5 | 468 | 544 |
| Total | 8.6 | 6.1 | $\begin{gathered} 7.4 \\ \text {--dollars } \end{gathered}$ | 13.0 | 21.4 | 39.6 | 96.0 | 431 | 468 |
| Median weekly eamings in second job | 39 | 66 | 95 | 105 | 107 | 115 | 98 | . | .. |
| Mean weekly eamings in second job | 66 | 89 | 104 | 108 | 120 | 127 | 113 | . | .. |
| FEMALES |  |  |  |  |  |  |  |  |  |
|  |  |  | -. 000 |  |  |  |  |  |  |
| Weekly earnings in second job (\$).- |  |  |  |  |  |  |  |  |  |
| Under 60 | 10.5 | 8.6 | 7.0 | 6.6 | 5.5 | 4.1 | 42.3 | 222 | 248 |
| 60 and under 120 | 4.5 | 9.7 | 6.2 | 5.8 | 4.3 | 4.7 | 35.2 | 243 | 287 |
| 120 and over | - 1.4 | 4.5 | 5.8 | 4.9 | 4.8 | 4.1 | 25.5 | 296 | 332 |
| Total | 16.4 | 22.7 | $\begin{gathered} 19.0 \\ - \text {-dollar } \end{gathered}$ | - 173 | 14.6 | 12.9 | 102.9 | 251 | 282 |
| Median weekly eamings in second job | 69 | 76 | 83 | 80 | 84 | 89 | 75 | . |  |
| Mean weekly eamings in second job | 55 | 86 | 101 | 100 | 96 | 105 | 90 | $\cdots$ |  |
| PERSONS |  |  |  |  |  |  |  |  |  |
|  |  |  | $-{ }^{\prime} 000$ |  |  |  |  |  |  |
| Weekly earnings in second job (\$).. |  |  |  |  |  |  |  |  |  |
| Under 60 | 16.8 | 11.4 | 9.2 | 11.1 | 11.5 | 13.8 | 73.8 | 275 | 304 |
| 60 and under 120 | 5.5 | 11.9 | 8.7 | 8.4 | 10.2 | 15.5 | 60.2 | 317 | 358 |
| 120 and over | * 2.7 | 5.5 | 8.5 | 10.8 | 14.3 | 23.0 | 64.9 | 401 | 461 |
| Total | 25.0 | 28.8 | $\begin{array}{r} 26.5 \\ - \text {-dollar } \end{array}$ | 30.3 | 36.0 | 52.4 | 199.0 | 330 | 372 |
| Median weekly eamings in second job | 49 | 74 | 87 | 88 | 97 | 107 | 85 | $\cdots$ |  |
| Mcan weekly eamings in second job | 59 | 87 | 101 | 104 | 110 | 122 | 101 | . |  |

TABLE 10. POPULATIONS BY STATE, EMPLOYEES AND FAMILIES
('000)


TABLE 11. POPULATIONS BY STATE AND EMPLOYEES' MEAN WEEKLY EARNINGS (Dollars)

|  | New South Wales | Victoria | Queensland | South Australia | Western <br> Ausiralia | Tasmania | Northern <br> Territory | Australian Capital Territory | Australia |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Population 1: <br> All employees in main job | 430 | 416 | 404 | 398 | 430 | 390 | 506 | 475 | 420 |
| Population 2 : <br> All employees in main job who worked full-time in their main job | 489 | 478 | 468 | 465 | 501 | 461 | 568 | 564 | 484 |
| Population 3 : <br> All employees in main job who worked full-ime in all jobs | 488 | 476 | 466 | 462 | 500 | 457 | 559 | 560 | 482 |
| Population 4 : <br> All employecs in main job who worked full-time in their main job who were bom overseas | 503 | 484 | 494 | 480 | 513 | 554 | 639 | 591 | 500 |
| Population 5 : <br> All employees in main job who worked in the survey week in their second job as an employee | 388 | 373 | 363 | 374 | 310 | 338 | 504 | 465 | 372 |

TABLE 12. CHARACTERISTICS AND MEAN WEEKLY EARNINGS IN MAIN JOB OF ALL EMPLOYEES IN MAIN JOB (POPULATION 1)

|  | Males |  | Females |  | Persons |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | ('000) | (dollars) | (200) | (dollars) | ('000) | (dollars) |
| TOTAL | 3,737.3 | 492 | 2,760.1 | 322 | 6,497.4 | 420 |
| Area. |  |  |  |  |  |  |
| Metropolitan | 2.451 .2 | 502 | 1,857.9 | 333 | 4,309.0 | 429 |
| Non-metropolitan | 1,286.2 | 474 | 902.2 | 300 | 2,188.4 | 403 |
| Marital status- |  |  |  |  |  |  |
| Married | 2,332.0 | 554 | 1.602 .7 | 325 | 3.934 .7 | 461 |
| Not-married | 1,405.4 | 390 | 1,157.3 | 318 | 2.562 .7 | 358 |
| Family status- |  |  |  |  |  |  |
| Member of a family | 3,057.4 | 493 | 2,249.5 | 309 | 5,306.9 | 415 |
| Husband or Wife | 2,262.5 | 553 | 1,532.7 | 325 | 3,795.3 | 461 |
| With dependents present | 1,448.3 | 570 | 911.8 | 298 | 2,360.1 | 465 |
| Without dependents present | 814.2 | 523 | 620.9 | 365 | 1,435.2 | 455 |
| Other family head | 61.6 | 523 | 182.1 | 358 | 243.7 | 399 |
| With dependents present | 28.2 | 553 | 134.4 | 337 | 162.6 | 375 |
| Without dependents present | 33.4 | 498 | 47.7 | 415 | 81.0 | 449 |
| Full-time student aged 15-24 | 110.7 | 73 | 132.4 | 65 | 243.1 | 69 |
| Other child of married couple or family head | 571.9 | 341 | 377.1 | 301 | 949.0 | 325 |
| Other relative of married couple or family head | 50.7 | 398 | 25.2 | 325 | 75.9 | 374 |
| Not a member of a family | 524.9 | 490 | 373.4 | 406 | 898.3 | 455 |
| Living alone | 223.4 | 517 | 150.1 | 443 | 373.5 | 487 |
| Not living alone | 301.5 | 470 | 223.3 | 380 | 524.8 | 432 |
| Family status not determined | 155.0 | 499 | 137.2 | 317 | 292.2 | 414 |
| Birthplace and periad of arrival. |  |  |  |  |  |  |
| Born in Australia | 2,735.2 | 482 | 2,096.0 | 318 | 4.831 .2 | 411 |
| Born outside Australia | 1,002.2 | 520 | 664.1 | 334 | 1.666.2 | 446 |
| Bom in main English speaking countries | 448.3 | 564 | 309.7 | 341 | 758.0 | 473 |
| Bom in other countries | 553.8 | 484 | 354.4 | 328 | 908.2 | 423 |
| Arrived before 1971 | 3,696.5 | 492 | 2,730.9 | 322 | 6,427.5 | 420 |
| Arrived 1971-1989 | 40.8 | 500 | 29.1 | 350 | 69.9 | 438 |
|  |  |  |  |  |  |  |
| 15-19 | 353.5 | 199 | 326.9 | 161 | 680.4 | 181 |
| 20-24 | 499.0 | 393 | 446.8 | 330 | 945.8 | 364 |
| 25-34 | 1,039.9 | 525 | 746.4 | 370 | $1,786.3$ | 460 |
| 35-44 | 910.2 | 586 | 704.4 | 337 | 1,614.6 | 478 |
| 45.54 | 586.8 | 560 | 404.0 | 334 | 990.8 | 468 |
| 55.59 | 200.6 | 502 | 87.1 | 317 | 287.7 | 446 |
| 60-64 | 124.8 | 462 | 34.6 | 282 | 159.5 | 423 |
| 65 and over | 22.5 | 309 | 9.9 | 247 | 32.3 | 290 |
| Occupation. |  |  |  |  |  |  |
| Managers and administrators | 363.8 | 665 | 73.8 | 487 | 437.6 | 634 |
| Professionals | 489.8 | 660 | 339.2 | 484 | 829.1 | 588 |
| Para-professionals | 234.9 | 563 | 194.1 | 419 | 429.0 | 498 |
| Tradespersons | 891.9 | 448 | 97.8 | 296 | 989.7 | 433 |
| Clerks | 298.7 | 462 | 905.7 | 339 | 1,204.4 | 370 |
| Salespersons and personal service workers | 337.9 | 402 | 663.1 | 232 | 1,001.0 | 289 |
| Plant and machine operators and drivers | 425.4 | 494 | 92.2 | 308 | 517.6 | 461 |
| Labourers and related workers | 694.8 | 374 | 394.2 | 226 | 1,089.0 | 320 |

TABLE 12. CHARACTERISTICS AND MEAN WEEKLY EARNINGS IN MAIN JOB OF ALL EMPLOYEES IN MAIN JOB (POPULATION 1) -coniinued

|  |  |  |  |  |  |
| :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- |

TABLE 12. CHARACTERISTICS AND MEAN WEEKLY EARNINGS IN MAIN JOB OF ALL EMPLOYEES IN MAIN JOB (POPULATION 1) -continued


TABLE 13. CHARACTERISTICS AND MEAN WEEKLY EARNINGS FROM MAIN JOB OF ALL EMPLOYEES IN MAIN JOB WHO WORKED FULL-TIME IN THEIR MAIN JOB (POPULATION 2)

|  |  |  |  |  |  |  |
| :--- | ---: | ---: | ---: | ---: | ---: | ---: | ---: |

TABLE 13. CHARACTERISTICS AND MEAN WEEKLY EARNINGS FROM MAIN JOB OF ALL EMPLOYEES IN MAIN JOB WHO WORKED FULL-TIME IN THEIR MAIN JOB (POPULATION 2) -continued

|  |  | Males |  | Females |  | Persons |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  | ('000) | (dollars) | ('000) | (dollars) | ('000) | (dollars) |
| TOTAL |  | 3,436.2 | 519 | 1,663.5 | 409 | 5,099.7 | 484 |
| Hours worked in main job- |  |  |  |  |  |  |  |
| 0 or le | 1 hour | 163.2 | 560 | 81.0 | 442 | 244.2 | 521 |
| 1-14 |  | 22.8 | 522 | 15.5 | 334 | 38.4 | 445 |
| 15-19 |  | 24.6 | 457 | 14.3 | 351 | 38.9 | 418 |
| 20-24 |  | 61.2 | 494 | 43.0 | 377 | 104.2 | 446 |
| 25-29 |  | 35.6 | 487 | 34.5 | 375 | 70.1 | 432 |
| 30.34 |  | 230.5 | 468 | 144.0 | 392 | 374.5 | 438 |
| 35 |  | 106.3 | 491 | 95.5 | 407 | 201.8 | 451 |
| 36.39 |  | 594.5 | 450 | 439.4 | 382 | 1,033.9 | 421 |
| 40 |  | 839.9 | 460 | 437.6 | 391 | 1,277.5 | 436 |
| 41-44 |  | 260.0 | 500 | 116.8 | 422 | 376.8 | 476 |
| 45.48 |  | 379.0 | 564 | 114.5 | 466 | 493.5 | 541 |
| 49 and |  | 718.5 | 647 | 127.3 | 542 | 845.8 | 632 |
| Hours paid for in main job- |  |  |  |  |  |  |  |
| Less th |  | 11.8 | 430 | 8.6 | 284 | 20.4 | 369 |
| 15-19 |  | 24.5 | 389 | 22.6 | 351 | 47.1 | 371 |
| 20.24 |  | 32.0 | 451 | 26.2 | 326 | 58.2 | 395 |
| 25-29 |  | 15.3 | 502 | 18.8 | 349 | 34.2 | 418 |
| 30.34 |  | 84.9 | 507 | 76.1 | 404 | 161.0 | 458 |
| 35 |  | 165.1 | 542 | 141.3 | 430 | 306.4 | 491 |
| 36-39 |  | 1,010.9 | 484 | 635.7 | 402 | 1,646.7 | 452 |
| 40 |  | 985.0 | 448 | 496.4 | 390 | 1,481.4 | 429 |
| 41-44 |  | 262.7 | 537 | 90.3 | 432 | 353.0 | 511 |
| 45.48 |  | 307.9 | 583 | 69.8 | 454 | 377.7 | 559 |
| 49 and |  | 536.0 | 680 | 77.7 | 565 | 613.7 | 665 |
| Sector- |  |  |  |  |  |  |  |
| Public |  | 923.7 | 540 | 548.8 | 457 | 1,472.5 | 509 |
| Private |  | 2,502.2 | 512 | 1,108.5 | 386 | 3,610.7 | 473 |
| Don't |  | 10.3 | 579 | 6.2 | 404 | 16.6 | 513 |
| Weekly earnings in main job (\$)- |  |  |  |  |  |  |  |
| Unde |  | 7.0 | 20 | 3.9 | 20 | 10.9 | 20 |
| 40 an | r 80 | 4.9 | 60 | 3.8 | 60 | 8.7 | 60 |
|  | 120 | 14.3 | 100 | 10.5 | 100 | 24.8 | 100 |
| 120 | 160 | 47.4 | 140 | 29.5 | 140 | 76.9 | 140 |
| 160 | 200 | 66.2 | 180 | 49.3 | 180 | 115.5 | 180 |
| 200 | 240 | 88.7 | 220 | 83.6 | 220 | 172.3 | 220 |
| 240 | 280 | 113.8 | 260 | 108.5 | 260 | 222.2 | 260 |
| 280 | 320 | 188.9 | 300 | 190.4 | 300 | 379.3 | 300 |
| 320 | 360 | 304.3 | 340 | 249.3 | 340 | 553.6 | 340 |
| 360 | 400 | 333.1 | 380 | 185.7 | 380 | 518.7 | 380 |
| 400 | 440 | 347.9 | 420 | 158.8 | 420 | 506.7 | 420 |
| 440 | 480 | 276.0 | 460 | 124.3 | 460 | 400.2 | 460 |
| 480 | 520 | 276.2 | 500 | 125.4 | 500 | 401.5 | 500 |
|  | 560 | 243.8 | 540 | 95.1 | 540 | 338.8 | 540 |
| 560 |  | 173.2 | 580 | 68.9 | 580 | 242.1 | 580 |
|  | 640 | 172.8 | 620 | 50.8 | 620 | 223.6 | 620 |
| 640 | 680 | 131.5 | 660 | 39.1 | 660 | 170.7 | 660 |
|  | 720 | 130.2 | 700 | 28.5 | 700 | 158.7 | 700 |
| 720 | 760 | 93.1 | 740 | 15.9 | 740 | 109.0 | 740 |
| 760 | 800 | 109.3 | 780 | 16.9 | 780 | 126.2 | 780 |
| 800 a |  | 313.5 | 1,104 | 25.6 | 1,076 | 339.1 | 1.101 |
| Frequency of pay in main job- |  |  |  |  |  |  |  |
| Weekl |  | 1,775.7 | 462 | 707.5 | 356 | 2.483 .1 | 432 |
| Fornig |  | 1,220.8 | 539 | 828.7 | 440 | 2,049.4 | 499 |
| Month |  | 399.5 | 695 | 115.8 | 499 | 515.4 | 651 |
| Other |  | 40.2 | 698 | 11.5 | 539 | 51.8 | 662 |
| Permanent or casual employees in main job. |  |  |  |  |  |  |  |
| Perman | mployees | 3,201.8 | 521 | 1,574.2 | 411 | 4.776 .0 | 485 |
| Casual | yees | 234.3 | 495 | 89.3 | 371 | 323.6 | 461 |

TABLE 14. CHARACTERISTICS AND MEAN WEEKLY EARNINGS FROM MAIN JOB OF ALL EMPLOYEES IN MAIN JOB WHO WORKED IN THE SURVEY WEEK IN THEIR SECOND JOB AS AN EMPLOYEE (POPULATION 5)

|  | Males |  | Females |  | Persons |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | ('000) | (dollars) | ('000) | (dollars) | ('000) | (dollars) |
| TOTAL | 96.0 | 468 | 102.9 | 282 | 199.0 | 372 |
| Area. |  |  |  |  |  |  |
| Metropolitan | 59.6 | 493 | 70.1 | 290 | 129.8 | 383 |
| Non-metropolitan | 36.4 | 427 | 32.8 | 266 | 69.2 | 350 |
| Marital status- |  |  |  |  |  |  |
| Married | 59.3 | 539 | 53.7 | 270 | 113.0 | 411 |
| Not -married | 36.7 | 353 | 49.3 | 295 | 86.0 | 320 |
| Family status. |  |  |  |  |  |  |
| Member of a family | 74.7 | 479 | 80.3 | 266 | 154.9 | 369 |
| Husband or Wife | 57.5 | 542 | 52.1 | 269 | 109.6 | 412 |
| With dependents present | 43.5 | 578 | 36.6 | 244 | 80.1 | 426 |
| Without dependents present | 14.0 | 430 | 15.5 | 328 | 29.5 | 377 |
| Other family head | * 0.7 | + 590 | 8.8 | 309 | 9.6 | 331 |
| With dependents present | * 0.7 | * 590 | 7.3 | 329 | 8.1 | 353 |
| Without dependents present | * 0.0 | * 0.0 | - 1.5 | - 211 | -1.5 | * 211 |
| Full-time student aged 15-24 | 4.6 | 76 | 5.2 | 83 | 9.8 | 80 |
| Other child of married couple or family head | 10.0 | 313 | 14.2 | 296 | 24.2 | 303 |
| Other relative of married couple or family head | - 1.8 | - 389 | * 0.0 | * 0.0 | - 1.8 | * 389 |
| Not a member of a family | 18.1 | 439 | 18.0 | 343 | 36.1 | 391 |
| Living alone | 6.8 | 513 | 7.8 | 360 | 14.6 | 431 |
| Not living alone | 11.3 | 394 | 10.2 | 331 | 21.4 | 364 |
| Family status not determined | - 3.3 | * 366 | 4.7 | 316 | 8.0 | 336 |
| Birthplace and period of arrival. |  |  |  |  |  |  |
| Bom in Australia | 73.8 | 459 | 82.2 | 276 | 155.9 | 362 |
| Born outside Australia | 22.3 | 498 | 20.8 | 307 | 43.1 | 406 |
| Bom in main English speaking countries | 12.1 | 563 | 10.9 | 270 | 23.0 | 424 |
| Bom in other countries | 10.2 | 421 | 9.8 | 348 | 20.0 | 385 |
| Arrived before 1971 | 93.5 | 467 | 101.4 | 282 | 194.9 | 371 |
| Arrived 1971-1989 | - 2.5 | * 496 | * 1.5 | * 290 | 4.0 | 419 |
| Age. |  |  |  |  |  |  |
| 15-19 | 9.5 | 157 | 10.6 | 183 | 20.0 | 170 |
| 20-24 | 14.7 | 343 | 18.1 | 292 | 32.8 | 315 |
| 25-34 | 27.0 | 512 | 31.7 | 337 | 58.6 | 417 |
| 35-44 | 26.1 | 571 | 25.9 | 264 | 52.0 | 418 |
| 45-54 | 13.2 | 580 | 13.8 | 245 | 27.1 | 408 |
| 55-59 | - 2.7 | - 314 | * 2.2 | * 358 | 4.9 | 334 |
| 60-64 | * 2.7 | - 404 | * 0.7 | - 196 | - 3.4 | - 362 |
| 65 and over | * 0.2 | * 500 | -0.0 | * 0.0 | -0.2 | - 500 |
| Occupation- |  |  |  |  |  |  |
| Managers and administrators | 7.2 | 591 | - 2.0 | * 592 | 9.2 | 591 |
| Professionals | 20.1 | 639 | 18.9 | 347 | 39.0 | 498 |
| Para-professionals | 6.5 | 574 | 9.3 | 360 | 15.8 | 448 |
| Tradespersons | 18.0 | 404 | * 2.7 | - 370 | 20.6 | 400 |
| Clerks | 7.8 | 475 | 26.2 | 294 | 34.0 | 335 |
| Salespersons and personal service workers | 12.1 | 355 | 27.3 | 234 | 39.4 | 271 |
| Plant and machine operators and drivers | 7.3 | 516 | * 0.9 | - 309 | 8.2 | 492 |
| Labourers and related workers | 17.2 | 297 | 15.7 | 166 | 32.9 | 235 |

TABLE 14. CHARACTERISTICS AND MEAN WEEKLY EARNINGS FROM MAIN JOB OF ALL EMPLOYEES IN MAIN JOB WHO WORKED IN THE SURVEY WEEK IN THEIR SECOND JOB AS AN EMPLOYEE (POPULATION 5) -continued

|  | Males |  | Females |  | Persons |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | ('000) | (dollars) | ('000) | (dollars) | ('000) | (dollars) |
| TOTAL | 96.0 | 468 | 102.9 | 282 | 199.0 | 372 |
| Industry- |  |  |  |  |  |  |
| Agriculture, forestry, fishing and hunting | * 2.4 | * 438 | * 2.7 | * 237 | 5.1 | 332 |
| Mining | * 1.9 | * 653 | * 0.1 | * 420 | * 2.0 | * 639 |
| Manufacturing | 15.6 | 454 | 7.0 | 279 | 22.6 | 400 |
| Electricity, gas and water | * 2.3 | * 443 | * 0.5 | * 396 | * 2.8 | * 435 |
| Construction | 4.0 | 509 | * 0.0 | - 0.0 | 4.0 | 509 |
| Wholesale and retail trade | 16.9 | 358 | 20.5 | 229 | 37.3 | 287 |
| Transport and storage | 4.8 | 541 | * 2.2 | * 326 | 7.0 | 472 |
| Communication | * 2.6 | * 390 | * 0.6 | * 385 | * 3.2 | * 389 |
| Finance, property and business services | 8.7 | 491 | 12.4 | 339 | 21.1 | 402 |
| Public administration and defence | 5.8 | 549 | * 2.8 | * 479 | 8.6 | 526 |
| Community services | 22.2 | 524 | 40.6 | 289 | 62.8 | 372 |
| Recreation, personal and other services | 8.9 | 423 | 13.6 | 242 | 22.5 | 313 |
| Howrs worked in main job- |  |  |  |  |  |  |
| 0 or less than 1 hour | * 1.6 | * 497 | * 1.0 | * 916 | * 2.6 | * 662 |
| 1-14 | 9.1 | 162 | 25.5 | 136 | 34.6 | 143 |
| 15-19 | * 3.2 | * 251 | 12.6 | 207 | 15.8 | 216 |
| 20.24 | 5.3 | 329 | 13.4 | 261 | 18.7 | 280 |
| 25-29 | 3.5 | 383 | 9.9 | 287 | 13.4 | 312 |
| 30-34 | 7.0 | 429 | 9.0 | 305 | 16.1 | 359 |
| 35 | 3.6 | 526 | * 2.4 | * 392 | 6.0 | 472 |
| 36-39 | 13.7 | 519 | 10.2 | 361 | 23.9 | 451 |
| 40 | 19.7 | 462 | 10.8 | 423 | 30.5 | 448 |
| 41-44 | 10.1 | 571 | * 3.0 | * 430 | 13.1 | 538 |
| 45-48 | 6.6 | 541 | * 2.2 | * 425 | 8.7 | 512 |
| 49 and over | 12.8 | 657 | * 2.9 | * 527 | 15.6 | 633 |
| Hours worked in second job. |  |  |  |  |  |  |
| 1-4 | 17.4 | 457 | 27.3 | 269 | 44.7 | 342 |
| $5-9$ | 29.6 | 468 | 37.7 | 268 | 67.2 | 356 |
| 10 and over | 49.0 | 472 | 38.0 | 306 | 87.0 | 399 |
| Howrs worked in all jobs. |  |  |  |  |  |  |
| 1 or more | 96.0 | 468 | 102.9 | 282 | 199.0 | 372 |
| $1-14$ | 5.5 | 122 | 12.1 | 162 | 17.6 | 149 |
| 15-19 | * 2.4 | * 226 | 8.3 | 148 | 10.7 | 165 |
| 20-24 | * 2.1 | - 209 | 12.4 | 200 | 14.4 | 201 |
| 25-29 | * 1.6 | * 287 | 8.4 | 245 | 10.0 | 252 |
| 30-34 | - 3.2 | * 355 | 10.3 | 251 | 13.5 | 276 |
| 35 | * 0.8 | - 418 | 3.6 | 243 | 4.4 | 276 |
| 36-39 | 4.0 | 409 | 4.5 | 299 | 8.5 | 351 |
| 40 | 3.9 | 497 | 5.9 | 307 | 9.8 | 382 |
| 41-44 | 10.2 | 522 | 8.6 | 359 | 18.8 | 447 |
| 45-48 | 14.8 | 475 | 11.3 | 388 | 26.1 | 437 |
| 49 and over | 47.6 | 534 | 17.4 | 412 | 65.0 | 501 |
| Sector- |  |  |  |  |  |  |
| Public | 30.8 | 504 | 28.8 | 317 | 59.6 | 414 |
| Private | 65.3 | 451 | 73.9 | 269 | 139.1 | 354 |
| Don't know | * 0.0 | * 0.0 | * 0.3 | * 226 | - 0.3 | * 226 |

TABLE 14. CHARACTERISTICS AND MEAN WEEKLY EARNINGS FROM MAIN JOB OF ALL EMPLOYEES IN MAIN JOB WHO WORKED IN THE SURVEY WEEK IN THEIR SECOND JOB AS AN EMPLOYEE (POPULATION 5) -continued

|  |  |  | Males |  | Females |  | Persons |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  | ('000) | (dollars) | ('000) | (dollars) | ('000) | (dollars) |
| TOTA |  |  | 96.0 | 468 | 102.9 | 282 | 199.0 | 372 |
| Weekly earnings in main job (\$). |  |  |  |  |  |  |  |  |
| Und |  |  | - 1.8 | * 20 | * 2.3 | * 20 | 4.1 | 20 |
| 40 and | un | r 80 | * 2.9 | * 60 | 6.9 | 60 | 9.8 | 60 |
| 80 | " | 120 | 3.9 | 100 | 7.2 | 100 | 11.1 | 100 |
| 120 | " | 160 | * 2.9 | * 140 | 12.2 | 140 | 15.1 | 140 |
| 160 | " | 200 | * 3.2 | * 180 | 10.5 | 180 | 13.7 | 180 |
|  | $\cdots$ | 240 | * 2.3 | * 220 | 10.0 | 220 | 12.3 | 220 |
| 240 | $\cdots$ | 280 | 5.1 | 260 | 9.0 | 260 | 14.1 | 260 |
| 280 | " | 320 | 5.7 | 300 | 9.7 | 300 | 15.4 | 300 |
| 320 | $\cdots$ | 360 | 7.3 | 340 | 7.6 | 340 | 14.9 | 340 |
| 360 | " | 400 | 6.5 | 380 | 6.0 | 380 | 12.5 | 380 |
| 400 | $\cdots$ | 440 | 8.2 | 420 | 4.1 | 420 | 12.3 | 420 |
| 440 | " | 480 | 6.6 | 460 | 4.5 | 460 | 11.2 | 460 |
| 480 | " | 520 | 6.1 | 500 | 3.5 | 500 | 9.5 | 500 |
| 520 | " | 560 | 4.0 | 540 | * 3.0 | - 540 | 7.0 | 540 |
| 560 | " | 600 | 5.0 | 580 | * 1.6 | - 580 | 6.6 | 580 |
| 600 | $\cdots$ | 640 | 5.9 | 620 | * 1.7 | * 620 | 7.6 | 620 |
| 640 | " | 680 | * 3.2 | * 660 | * 0.5 | - 660 | 3.8 | 660 |
| 680 | " | 720 | * 2.8 | * 700 | * 0.7 | - 700 | * 3.4 | * 700 |
| 720 | $\cdots$ | 760 | * 2.6 | * 740 | * 0.3 | * 740 | * 2.8 | * 740 |
| 760 | " | 800 | * 2.6 | * 780 | * 0.5 | - 780 | * 3.1 | * 780 |
| 800 | d 0 |  | 7.4 | 1,159 | * 1.1 | * 1,216 | 8.5 | 1,167 |
| Weekly earnings in second job (\$). |  |  |  |  |  |  |  |  |
| Under |  |  | 31.6 | 380 | 42.3 | 248 | 73.8 | 304 |
| 60 and | und | 120 | 25.0 | 457 | 35.2 | 287 | 60.2 | 358 |
| 120 and | ov |  | 39.5 | 544 | 25.5 | 332 | 64.9 | 461 |
| Weekly earnings (\$). |  |  |  |  |  |  |  |  |
| Und | 40 |  | * 0.6 | * 20 | * 1.0 | * 20 | * 1.6 | * 20 |
| 40 an | un | r 80 | * 1.5 | * 42 | * 3.4 | * 47 | 4.9 | 46 |
| 80 | " | 120 | * 2.3 | - 74 | * 3.1 | * 69 | 5.4 | 71 |
|  | " | 160 | * 2.8 | * 102 | 5.7 | 91 | 8.6 | 95 |
| 160 | $\cdots$ | 200 | * 1.7 | * 122 | 7.6 | 133 | 9.4 | 131 |
|  | $\cdots$ | 240 | * 2.5 | - 170 | 6.4 | 160 | 8.9 | 163 |
| 240 | " | 280 | * 2.2 | * 165 | 11.1 | 184 | 13.3 | 181 |
|  | $\cdots$ | 320 | * 2.2 | * 212 | 9.7 | 213 | 11.9 | 213 |
| 320 | $\cdots$ | 360 | 4.2 | 254 | 6.9 | 267 | 11.1 | 262 |
| 360 | " | 400 | 5.1 | 304 | 5.9 | 291 | 11.0 | 297 |
| 400 | " | 440 | 6.9 | 332 | 7.5 | 314 | 14.4 | 323 |
| 440 | " | 480 | 5.2 | 363 | 8.1 | 340 | 13.4 | 349 |
| 480 | " | 520 | 6.3 | 404 | 4.9 | 366 | 11.2 | 387 |
| 520 | $\cdots$ | 560 | 6.5 | 411 | 5.2 | 393 | 11.7 | 403 |
| 560 | ' | 600 | 5.3 | 469 | * 3.4 | * 436 | 8.7 | 456 |
|  | $\cdots$ | 640 | 5.4 | 484 | 3.7 | 503 | 9.1 | 492 |
| 640 | " | 680 | 5.8 | 535 | * 2.6 | * 552 | 8.4 | 540 |
| 680 | " | 720 | 4.9 | 558 | * 1.9 | * 578 | 6.8 | 564 |
| 720 | " | 760 | 4.4 | 603 | * 1.9 | - 542 | 6.3 | 585 |
|  | " | 800 | - 3.1 | * 618 | * 0.5 | - 619 | 3.6 | 618 |
| 800 and over |  |  | 16.9 | 904 | - 2.4 | * 952 | 19.4 | 910 |
| Permanent or casual employees in main job. |  |  |  |  |  |  |  |  |
| Permanent employees Casual employees |  |  | 75.0 | 516 | 53.7 | 360 | 128.7 | 451 |
|  |  |  | 21.0 | 294 | 49.2 | 197 | 70.2 | 226 |

## APPENDIX A

## GLOSSARY

Casual employees in main job: employees who were not entitled to either annual leave or sick leave.

Dependents: all family members under 15 years of age; family members aged 15 to 19 attending school or aged 15 to 24 attending a tertiary educational institution full time, except those classified as husbands, wives, sole parents or other family heads.

Employees: employed persons who worked for an employer for wages or salary or in their own business, either with or without employees, if that business was a limited liability company.

Family: is defined to consist of two or more related persons usually resident in the same household at the time of the survey. A family comprises a married couple or a family head together with any persons having any of the following relationships to them:
(a) sons or daughters of any age, if not married and with no children of their own present;
(b) other relatives if not accompanied by a spouse, sons or daughters, or parents of their own; or
(c) any children under 15 years of age who do not have a parent present.

Further details on the determination of family relationships are given in The Labour Force, Australia (6203.0).

Full-time employees (in all jobs): employees who usually worked 35 hours or more a week (in all jobs) and others who, although usually part-time employees, worked 35 hours or more during the reference week.

Full-time employees in main job: all employees for whom 'full-time' was the response to the question 'Is your main job full-time or part-time?'

Hours paid for in main job: the number of hours for which employees were paid, not necessarily the number of hours actually worked (e.g. an employec on paid leave for the week was asked to report the number of hours for which they were paid).

Industry: unless otherwise specified all occurrences of industry in this publication refer to Industry Division as defined by the Australian Standard Industry Classification.

Main English-speaking countries: the United Kingdom, Ireland, Canada, the United States of America, New Zealand and South Africa.

Main job: the job in which most hours were usually worked.

Mean weekly earnings: the amount oblained by dividing the total earnings of a group by the number of employces in that group.

Median weekly earnings: the amount which divides the distribution of employees into two equal groups, one having eamings above and the other below that amount. Medians were calculated from grouped data, the class intervals in some cases being finer than those published in the tables. Lincar interpolation was used within the class interval in which the median fell.

Occupation: unless otherwise specified all occurrences of occupation in this publication refer to Major Group as defined by the Australian Standard Classification of Occupations (ASCO).

Part-time employees (in all jobs): employecs who usually worked less than 35 hours a week (in all jobs) and who did so during the reference week.

Part-time employees in main job: all employces for whom 'part-time' was the response to the question 'Is your main job full-time or part-time?'

Permanent employees in main job: employces who were entitled to annual leave or sick leave.

Second job: wage and salary earner jobs, other than the main job in which some hours were worked during the reference week. A person who held more than one job is classified to the industry and occupation of the main job. Service in the reserve defence forces is not regarded as a second job. Persons who by the nature of their employment worked for more than one employer, c.g. domestics, odd-job workers, baby-sitters, ctc., are not counted as having a second job unless they also held another job of a different kind, nor are those who worked for more than one employer solely by reason of changing jobs during the reference week.

## Wage and salary earner: refcr to Employees.

Weekly earnings: amount of 'last total pay' from wage and salary jobs prior to the interview (i.e. before taxation and other deductions had been made). For persons paid other than weekly, earnings were converted to a weekly equivalent. No adjustment was made for any back payment of wage increases or pre-payment of leave, etc.

## APPENDIX B

## EXPLANATORY NOTES

## Introduction

The monthly population survey (which is described in The Labour Force, Australia (6203.0)) comprises the monthly labour force survey and supplementary topics. This publication contains some results of a supplementary survey run in association with the August 1989 labour force survey conducted throughout Australia.
2. Of the respondents to the labour force survey, those who fell within the scope of the supplementary survey were asked additional questions. They were asked about their weekly earnings and frequency of pay.

## Scope

3. The scope of this supplementary survey was the same as that used for the labour force survey (described in full in The Labour Force, Australia (6203.0)), except that it was restricted to persons who were employed as wage and salary earners ('employees') in their main job excluding persons on workers' compensation and persons who worked solely for payment in kind.
4. Family information was only derived where survey schedules were fully completed by all members of the family and was not collected for the following persons identified in tables as 'family status not determined'):
(a) all persons enumerated in non-private dwellings including hotels, motels, hospitals and other institutions);
(b) persons enumerated as visitors to, rather than usual residents of, private dwellings; and
(c) where it was not possible to obtain family information relating to all the usual residents of a household, e.g. where one member of the family was a member of the permanent defence forces and therefore outside the scope of the survey.

## Coverage

5. In the population survey, coverage rules are applied which aim to ensure that each person is associated with only one dwelling, and hence has only one chance of selection. See The Labour Force, Australia (6203.0) for more details.

## Definitions

6. Definitions of labour force and demographic classifications appearing in this publication are given in The Labour Force, Ausiralia (6203.0).
7. Unless otherwise stated, all characteristics refcrenced in this publication relate to the week before the interview (i.e. the reference week) and to all jobs.

## Results of the survey

8. The estimates in this publication refer to information collected in the survey month and, due to scasonal factors, may not be representative of other months of the ycar.
9. Results of similar surveys, conducted annually since August 1975, have been given in previous issues of this publication.
10. It is proposed that this survey will be conducted next in August 1990.

## Comparability of series

11. The survey was conducted primarily to obtain statistics on the distribution of earnings of employees classified by characteristics such as marital status, sex, age and whether the earnings came from the main job or any second job. Caution should be exercised when comparing the means (averages) in this publication with estimates of average weekly earnings included in the quarterly publication Average Weekly Earnings. States and Australia (6302.0) which are compiled from a survey of employers. There are important differences in the scope of, and methodology used in, the two surveys. The quarterly survey of average weekly earnings excludes employees in the industries of Agriculture, Forestry, Fishing and Hunting (ASIC Division A) and Private Households Employing Staff (ASIC Sub-division 94) both of which are included in the August household survey. Data from the quarterly survey of average weekly earnings are collccted from employers who fill in a mailed questionnaire giving details of their employees' weekly carnings. For the August household survey, respondents are either interviewed personally at their dwelling or another adult member of their household responds on their behalf. The methodology used in this houschold survey is associated with sources of non-sample error not found in surveys of employers which may also explain the differences between the results of the two surveys.

## Survey sample redesign

12. The labour force survey (LFS) sample has been redesigned and reselected using information collected in the 1986 Population Census. As a result, the standard errors used in this supplementary survey differ from those used in surveys of the same topic run prior to September 1987. For details, see Information Paper-Labour Force Survey-Sample Design (6269.0).

## Estimation procedure

13. The estimates are derived from the population survey by use of a ratio estimation procedure, which ensures that the estimates conform to an independently estimated distribution of the population for each capital city and remainder of State by age, gender and labour force status, rather than to the corresponding distribution within the sample itself.

Reliability of the estimates
14. Estimates in this publication are subject to sampling and non-sampling errors. For more information refer to the Technical Note, Appendix C.

Related publications
15. Other ABS publications which may be of interest include:

The Labour Force, Australia (6203.0)-issued monthly
Average Weekly Earnings. Australia (6302.0)-issued quarterly

Distribution and Composition of Employee Earnings and Hours, Australia (6306.0)-issued annually

1986 Income Distribution Survey, Australia, Preliminary Results (6545.0)-issued irregularly

Employed Wage and Salary Earners, Australia, (6248.0)-issued quarterly

Award Rates of Pay Indexes, Australia (6312.0)-issued monthly
16. Current publications produced by the ABS are listed in the Catalogue of Publications, Australia (1101.0). The ABS also issues, on Tuesdays and Fridays, a Publications Advice (1105.0) which lists publications to be released in the following few days. The Catalogue and Publications Advice are available from any ABS Office.

## Symbols and other usages

* subject to sampling variability too high for most practical uses. See the Technical Note, Appendix C not applicable
. . not applicable
r revised

17. Because estimates have been rounded, discrepancies may occur between sums of the component items and totals.

## Electronic services

VIATEL. Key *656\# for selected current cconomic, social and demographic statistics.

AUSSTATS. Thousands of up-to-date time series are available on this ABS on-line service through PAXUS COMNET.

For further information phone the AUSSTATS Help Desk on (062) 526017.

TELESTATS. This service provides foreign trade statistics tailored to users' requirements.

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Text and tables for selected Main Economic Indicator publications. Further information is available on (062) 525405.

## Floppy disk service

Sclected ABS statistics are available on floppy disk. Further information is available on (062) 526684.

## APPENDIX C

## TECHNICAL NOTE

1. Since the estimates in this publication are based on information obtained from occupants of a sample of dwellings, they are subject to sampling variability, that is they may differ from those that would have been produced if all dwellings had been included in the survey. One measure of the likely difference is given by the standard error, which indicates the extent to which an estimate might have varied by chance because only a sample of dwellings was included. There are about two chances in three that a sample estimate will differ by less than one standard error from the number that would have been obtained if all dwellings had been included, and about nineteen chances in twenty that the difference will be less than two standard errors. Another measure of the likely difference is the relative standard error, which is obtained by expressing the standard error as a percentage of the estimate.
2. Space does not allow for the separate indication of the standard errors of all estimates in this publication. A table of standard errors applicable to persons estimates is given on the following page. Since they are averages based on calculations for a limited number of past surveys over a wide range of labour force characteristics these numbers will not give a precise measure of the standard error of a particular estimate but they will provide an indication of its magnitude. Standard errors of estimates of numbers of families are approximately the same as those for numbers of persons.
3. An example of the calculation and the use of standard errors in relation to estimates of persons is as follows Table 3 shows the estimated number of females who in August 1989, were part-time workers was $1,062,000$. Since this estimate is between $1,000,000$ and $2,000,000$ the standard error for Australia will be between 11,100 and 14,300 in the standard error table and can be approximated as 11,300 (rounded to the nearest 100 ). Therefore, there are about two chances in three that the value that would have been produced if all dwellings had been included in the survey will fall in the range $1,050,700$ to $1,073,300$ and about nineteen chances in twenty that the value will fall within the range $1,039,400$ to $1,084,600$. This example is illustrated in the following diagram.
('000)

4. The relative standard errors of estimates of mean and median weckly earnings are obtained by first finding the relative standard error of the estimate of the total number of persons contributing to the estimate and then multiplying the figure by the following relevant factors:

Mean weekly eamings
-Part-time workers 1.0
-Full-time workers 0.7
-All employees 0.9
Median weekly earnings
-Part-time workers 1.4
-Full-time workers 0.7
-All employees 1.0
5. An example of the calculation of standard errors by the use of the above factors is as follows:

Table 3 shows the estimate of median weekly earnings of female part-time workers in August 1989 was $\$ 172$ and the estimate of total number of employees contributing to this estimate was $1,062,000$. The standard error of this estimate $(1,062,000)$ is about 11,300 so the relative standard error is about 1.1 per cent. The relative standard error of the estimate of median weekly earnings is calculated by multiplying this figure (1.1) by the appropriate factor shown in the previous paragraph (in this case 1.4 ): $1.1 \times 1.4=1.5$ per cent. The relative standard error of this estimate of median weekly earnings is therefore 1.5 per cent of $\$ 172$, i.e. about $\$ 2.60$. Therefore, there are about two chances in three that the median weekly earnings of female part-time workers would fall within the range $\$ 169.40$ to $\$ 174.60$, and about ninetcen chances in twenty that they would fall within the range $\$ 166.80$ to $\$ 177.20$
6. As can be seen from the standard error table, the smaller the estimate the higher is the relative standard error. Very small estimates are thus subject to such high standard errors (relative to the size of the estimate) as to detract scriously from their value for most reasonable uses. In the tables in this publication, only estimates with relative standard errors of 25 per cent or less and percentages based on such estimates are considered sufficiently reliable for most purposes. However, estimates with larger relative standard errors have been included and are preceded by an asterisk (e.g. *3.9) percentage to indicate they are subject to high standard errors and should be used with caution.
7. Proportions and percentages formed from the ratio ot two estimates are also subject to sampling errors. The size of the crror depends on the accuracy of both the numerator and the denominator. A formula to approximate the relative standard error (RSE) of a proportion is:

$$
\operatorname{RSE}(x / y)=\sqrt{[\operatorname{RSE}(x)]^{2}-[\operatorname{RSE}(y)]^{2}}
$$

8. Considering the example from paragraph 3 above, of the $1,062,000$ females represented 38.5 per cent of the $2,760,100$ female employees in August 1989. The standard error of $2,760,100$ is approximately 15,700 so the relative standard error is 0.6 per cent. The relative standard error for $1,062,000$ is 1.1 per cent. Applying the above formula, the relative standard error of the proportion is $\sqrt{ }(1.1)^{2}-(0.6)^{2}$ or 0.9 per cent, giving a standard error for the proportion ( 38.5 per cent) of 0.3 percentage points. Thercfore, there are about two chances in three that the proportion of female employees who worked on a parttime basis in August 1989 is between 38.2 per cent and 38.8 per cent and nineteen chances in twenty that the proportion is within the range 37.9 per cent to 39.1 per cent.
9. Published estimates may also be used to calculate the difference between two survey estimates (of numbers or percentages). Such an estimate is subject to sampling error. The sampling error of the difference between two estimates depends on their standard errors and the relationship (correlation) between them. An approximate
standard error (SE) of the difference between two estimates ( $x-y$ ) may be calculated by the following formula:

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

While this formula will only be exact for differences between separate and uncorrelated characteristics or subpopulations it is expected to provide a good approximation for all differences likely to be of interest in this publication.
10. The imprecision due to sampling variability, which is measured by the standard error, should not be confused with inaccuracies that may occur because of imperfections in reporting by intervicwers and respondents and crrors made in coding and processing data. Inaccuracics of this kind are referred to as the non-sampling error, and they may occur in any enumeration, whether it be a full count or a sample. Every effort is made to reduce the non-sampling error to a minimum by careful design of questionnaires, intensive training and supervision of interviewers and efficient operating procedures.

STANDARD ERRORS OF ESTIMATES

| Size of estimate | N.S.W. | Vic. | Qld | S.A. | W.A. | Tas. | N.T. | A.C.T. | Australia |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  |  |  |  |  |  |  | Relativestandarderror(per rent) |  |
|  |  |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  | -number- |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |
| 200 |  |  | 190 | 160 | 180 | 120 | 170 | 140 | 180 | 89.0 |
| 300 | 290 | 280 | 240 | 200 | 220 | 150 | 210 | 170 | 230 | 75.2 |
| 400 | 340 | 330 | 280 | 230 | 250 | 180 | 240 | 200 | 270 | 6 6. 6 |
| 500 | 380 | 370 | 310 | 260 | 280 | 200 | 260 | 220 | 300 | 60.5 |
| 600 | 420 | 410 | 340 | 280 | 310 | 220 | 280 | 240 | 340 | 55.9 |
| 700 | 450 | 440 | 370 | 310 | 330 | 240 | 300 | 260 | 370 | 52.2 |
| 800 | 480 | 470 | 390 | 330 | 350 | 250 | 320 | 270 | 390 | 49.2 |
| 1,000 | 540 | 530 | 440 | 370 | 390 | 280 | 360 | 300 | 450 | 44.5 |
| 1,300 | 620 | 610 | 500 | 410 | 440 | 320 | 400 | 340 | 510 | 39.6 |
| 1,500 | 660 | 650 | 530 | 440 | 470 | 340 | 430 | 360 | 561 ) | 37.0 |
| 1,800 | 720 | 710 | 580 | 480 | 510 | 360 | 470 | 390 | 610 | 34.0 |
| 2,000 | 760 | 750 | 610 | 510 | 540 | 380 | 490 | 410 | 650 | 32.4 |
| 2,500 | 850 | 840 | 680 | 560 | 600 | 420 | 540 | 450 | 730 | 29.2 |
| 3,000 | 920 | 910 | 740 | 610 | 650 | 450 | 590 | 490 | 800 | 26.8 |
| 3,500 | 990 | 980 | 800 | 660 | 700 | 480 | 630 | 520 | 870 | 24.9 |
| 4,000 | 1,050 | 1.050 | 850 | 700 | 740 | 510 | 670 | 550 | 930 | 23.3 |
| 4,500 | 1,100 | 1,100 | 900 | 730 | 780 | 540 | 710 | 580 | 990 | 22.0 |
| 5,000 | 1,200 | 1,150 | 940 | 770 | 820 | 560 | 750 | 600 | 1,050 | 20.9 |
| 6,000 | 1,300 | 1,250 | 1,000 | 830 | 880 | 600 | 810 | 650 | 1,150 | 19.1 |
| 8,000 | 1,450 | 1.450 | 1,150 | 950 | 1,000 | 670 | 930 | 730 | 1,350 | 16.6 |
| 10,000 | 1,600 | 1.600 | 1,300 | 1,050 | 1,100 | 730 | 1,050 | 800 | 1,500) | 14.8 |
| 20,000 | 2,200 | 2,200 | 1,750 | 1,400 | 1.500 | 920 | 1,400 | 1.050 | 2,050 | 10.4 |
| 50,000 | 3,250 | 3,250 | 2.600 | 2,050 | 2.150 | 1,200 | 2.150 | 1.500 | 3.150 | 6.3 |
| 100,000 | 4,300 | 4,300 | 3.400 | 2,650 | 2.850 | 1.500 | 3,000 | 1,900 | 4.300 | 4.3 |
| 200.000 | 5.700 | 5,600 | 4,500 | 3,450 | 3.700 | 1.750 | 4,200 | 2.450 | 5.8(X) | 2.9 |
| 300,000 | 6,600 | 6,600 | 5,200 | 3.950 | 4.300 | 1,900 |  | 2,800 | 6,9(0) | 2.3 |
| 500,000 | 8,000 | 7.900 | 6.300 | 4,750 | 5,200 | 2.100 |  | 3,300 | 8.400 | 1.7 |
| 1,000,000 | 10,300 | 10,100 | 8.100 | 6.000 | 6,600 |  |  |  | 11,100 | 1.1 |
| 2,000,000 | 13,000 | 12,800 | 10,300 | 7.500 | 8.400 |  |  |  | 14,300) | 0.7 |
| 5,000,000 | 17.600 | 17,100 | 13,900 |  |  |  |  |  | 19.70) | 0.4 |
| 10,000,000 | 21.800 |  |  |  |  |  |  |  | 24.8(0) | 0.2 |

## APPENDIX D

## POPULATIONS

POPULATION 1: All employees in main job
POPULATION 2: All employees in main job who worked full-time in their main job
POPULATION 3: All employees in main job who worked full-time in all jobs
POPULATION 4: All employees in main job who worked full-time in their main job who were born overseas
POPULATION 5: All employees in main job who worked in survey week in their second job as an employec

## FAMILIES

POPULATION 6: All families
POPULATION 7: Families where at least one family member was an employce in main job

| Variable |  | POPULATIONS | VARIABLE |  |
| :---: | :---: | :---: | :---: | :---: |
| 1 | STATE | -5 | 6B | FAMILY STATUS (2) 1-5 |
|  | New South Wales |  |  | Member of a family |
|  | Victoria |  |  | Husband or wife |
|  | Queensland |  |  | With children aged 0-14 present |
|  | South Australia |  |  | Without children aged 0-14 present |
|  | Western Australia |  |  | Other family head |
|  | Tasmania |  |  | With children aged 0-14 present |
|  | Northern Territory |  |  | Without children aged 0-14 present |
|  | Australian Capital Territory |  |  | Full-time student aged 15-24 (a) |
|  | Australia |  |  | Other child (b) of married couple or family head |
| 2 | AREA |  |  | Not a member of a family Living alone Not living alone |
|  | Metropolitan | $1-5$ |  |  |
|  | Non-metropolitan |  |  |  |
| 3 | DISSEMINATION REGION | 1-5 |  | Family status not determined |
|  | Standard labour force dissemination regions |  |  | (a) Excludes persons aged 20-24 attending school. <br> (b) Aged 15 and over. |
| 4 | GENDER | $1-5$ | 7A | BIRTHPLACE AND PERIOD OF ARRIVAL $1-5$ <br> Born in Australia <br> Born outside Australia <br> Arrived before 1961 <br> Arrived 1961-1970 <br> Arrived 1971-1980 <br> Arrived 1981-1989 |
|  | Males |  |  |  |
|  | Females |  |  |  |
|  |  |  |  |  |
| 5 | Marital status | 1-5 |  |  |
|  | Married |  |  |  |
|  | Not-married |  |  |  |
|  |  |  |  |  |
| 6A | FAMILY STATUS (1) | 1-5 |  |  |
|  | Member of a family |  | 7B | BIRTHPLACE (1) 1-5 |
|  | Husband or wife |  |  | Born in Australia |
|  | With dependents present |  |  | Born outside Australia |
|  | Without dependents present |  |  | Born in main English speaking countrics(a) |
|  | Other family head |  |  | Born in other countrics |
|  | With dependents present |  |  |  |
|  | Without dependents present |  |  | (a) Comprises UK, Ireland, Canada, South Africa, USA and New Zealand. |
|  | Full-time student aged 15-24(a) |  |  |  |
|  | Other child(b) of married couple or family head |  |  |  |
|  | Other relative of married couple or family head |  | 7C | BIRTHPLACE (2) 1-5 |
|  | Not a member of a family |  |  | Born in Australia |
|  | Living alone |  |  | Born outside Australia |
|  | Not living alone |  |  | Africa |
|  | Family status not determined |  |  | America |
|  |  |  |  | Asia |
|  | (a) Excludes persons aged 20-24 attending school. |  |  | Lebanon |

VARIABLE
Vietnam
Other countries in Asia

## Europe

Germany
Greece
Italy
Malta
Netherlands
Poland
United Kingdom and Ireland
Yugoslavia
Other countries in Europe
Oceania
New Zealand
Other countries in Oceania
8 AGE

15-19
20-24
25-34
35-44
45-54
55-59
60.64

65 and over
9 FULL-TIME AND PART-TIME
EMPLOYEES IN MAIN JOB
Full-time employees in main job
Part-time employees in main job
Varied/don't know
10 FULL-TIME AND PART-TIME
EMPLOYEES IN ALL JOBS
Full-time employees
Par-time employees
11 OCCUPATION
Managers and administrators
Professionals
Para-professionals
Tradespersons
Clerks
Salespersons and personal service workers
Plant and machine operators and drivers
Labourers and related workers
12 INDUSTRY
Agriculture, forestry, fishing and hunting

## Mining

Manufacturing
Electricity, gas and water
Construction
Wholesale and retail trade
Transport and storage
Communication
Finance, property and business services
Community services
Recreation, personal and other services
Quinur. -
13 HOURS WORKED IN MAIN JOB
0 or less than 1 hour
1-14
15-19
20-24
25-29
variable
30-34
35
36-39
40
41-44
45-48
49 and over
14 HOURS WORKED IN SECOND JOB
0 or less than 1 hour
1.4

5-9
10 and over
15 HOURS WORKED IN ALL JOBS
0 or less than 1 hour
1-14
15-19
20-24
25-29
30-34
35
36-39
40
41-44
45-48
49 and over
16 HOURS PAID FOR IN MAIN JOB
1-19
20-29
30-34
35-39
40
41-44
45-48
49 and over
17 SECTOR 1-5
Public
Private
Don't know
18 WEEKLY EARNINGS IN MAIN JOB(\$) 1-5
Under 40
40 and under 80
$80 \quad \cdots \quad 120$
120 " 160
$160 \quad \cdots \quad 200$
200 " 240
$240 \quad \because \quad 280$
280 " 320
$320 \quad \because \quad 360$
360 •• 400
$400 \quad . . \quad 440$
440 " 480
$480 \quad \because \quad 520$
520 " 560
$560 \quad$ ". 600
600 .. 640
$640 \quad \because \quad 680$
$680 \quad \cdots \quad 720$
$720 \quad$ " 760
760 " 800
800 and over

POPULATIONS


VARIABLE
POPULATIONS

19 WEEKLY EARNINGS IN SECOND JOB(\$) 5
Under 20
20 and under 40
40 " 60
60 " 80
80 " 100
$100 \quad \cdots \quad 120$
$120 \quad \cdots \quad 140$
140 " 160
160 " 180
180 " 200
200 or more
WEEKLY EARNINGS IN ALL JOBS
Under 40
40 and under 80
80 " 120
$120 \quad \cdots \quad 160$
160 " 200
200 ", 240
240 "" 280
280 , ". 320
320 ' ". 360
$360 \quad \cdots \quad 400$
400 $\quad 440$
440 " 480
480 " 520
520 " 560
560 " 600
600 " 640
640 ", 680
680' " 720
720 " 760
760 " 800
800 and over
21 FREQUENCY OF PAY IN MAIN JOB
Weekly
Formightly
Monthly
Other
FAMILY TYPE
$6-7$
Married couple family
Other family
NUMBER OF FAMILY MEMBERS
6-7

Two
Three
Four or more
GENDER OF SINGLE HEAD OF FAMILY
6.7

Not a single head family
Single head family
Male head
Female head
25 NUMBER OF DEPENDENTS AGED 0-14 6-7
AND 15-24 ATTENDING AN EDUCATIONAL I.iSTITUTION FULL-TIME

No dependent children
One or more
One
Two
Three or more

VARIABLE
POPULATIONS

## 26

NUMBER OF EMPLOYED FAMILY MEMBERS WHO WERE WAGE AND SALARY EARNERS IN THEIR MAIN JOB
No wage and salary eamers
One or more wage and salary eamers
One
Two
Three or more
27 NUMBER OF EMPLOYED FAMILY
MEMBERS WHO WERE WAGE AND
SALARY EARNERS IN THEIR MAIN,
SECOND OR BOTH JOBS
No wage and salary eamers
One or more wage and salary earners
One
Two
Three or more
28 TOTAL NUMBER OF HOURS WORKED IN
6-7
MAIN JOB BY FAMILY MEMBERS WHO
WERE WAGE AND SALARY EARNERS IN THEIR MAIN JOB(S)
None
One or more
1-19
$20-29$
30-34
35
36-39
40-49
50-59
60.69
70.79

80-89
90 and over
29 TOTAL NUMBER OF HOURS WORKED
BY EMPLOYED FAMILY MEMBERS IN

## ALL JOBS

None
One or more
1-19
20-29
30-34
35 or more
35-39
40-49
50-59
60-69
70-79
80-89
90 and over
TOTAL WEEKLY EARNINGS IN
MAIN JOB(S) OF EMPLOYED FAMILY
MEMBERS(\$)
Under 40
40 and under 80
$80 \quad \because \quad 120$

120 " 160
160 " 200
200 " 240
240 " 280
280 " 320
$320 \quad \cdots \quad 360$
360 " 400

| VARIABLE |  |  | POPULATIONS | VARIABLE |  |  |  | POPULATIONS |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 400 | $\cdots$ | 440 |  |  | 800 | $\cdots$ | 840 |  |
| 440 | $\cdots$ | 480 |  |  | 840 | $\cdots$ | 880 |  |
| 480 | - | 520 |  |  | 920 | ". | 960 |  |
| 520 | $\cdots$ | 560 |  |  | 960 | $\cdots$ | 1000 |  |
| 560 | $\cdots$ | 600 |  | 1000 and over |  |  |  |  |
| 600 | $\cdots$ | 640 |  |  |  |  |  |  |
| 640 | $\cdots$ | 680 |  | 31 | PERM | ANEN | T OR CASUAL | 1.5 |
| 680 | $\cdots$ | 720 |  |  | EMPL | YYE | IN MAIN JOB |  |
| 720 | $\cdots$ | 760 |  |  | Perman | ent em | ployee |  |
| 760 | $\cdots$ | 800 |  |  | Casual | emplo |  |  |

## SPECIAL DATA REQUEST ORDER FORM <br> WEEKLY EARNINGS, AUGUST 1989

Please specify your special data request(s) on the order form provided on the following page.
The following points should be noted when requesting special tables:

1. Table requests will be available on computer printout, floppy disk or microfiche.
2. The current cost of special tables is as follows -

| No. of variables <br> (excluding populations) | Cost per table (\$) |
| :---: | :---: |
| 2 | 60 |
| 3 | 75 |
| 4 | 105 |
| 5 | 150 |
| 6 or more | negotiable |

NOTE (i) For tables provided on floppy disk, an additional cost of $\$ 15.00$ per disk will be charged;
(ii) For tables provided on microfiche, an additional cost of $\$ 30.00$ per microfiche will be charged;
(iii) Prices quoted are subject to revisions.
3. Return the completed order form together with the address advice to -

Assistant Director
Labour Force Supplementary Surveys
Australian Bureau of Statistics
PO Box 10
Belconnen ACT 2616
4. The invoiced cost is payable in full within 14 days of supply.
5. Any inquiries about this order should be directed to Mr Michael Jones on (062) 526503.
$8<$
ADDRESS ADVICE - DETACH AND FORWARD TOGETHER WITH YOUR COMPLETED ORDER FORM.

Please send my order and invoice to -
NAME $\qquad$
ORGANISATION $\qquad$
ADDRESS
POSTCODE $\qquad$
TELEPHONE $\qquad$
Signature $\qquad$ Date / /

Weekly Earnings, August 1989

Weekly Earnings, August 1989

|  | TABLE NO. | VARIABLE NO. | TABLE POPULATION | COST(S) |
| :--- | :---: | :---: | :---: | :---: |
| Example: | 1. | 4 (Gender) $\times 5$ (Marital status) $\times 8$ (Age) | 2 | 75 |

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## NOW AVAILABLE SUPPLEMENTARY SUR VEY DATA ON FLOPPY DISK

## $\mathrm{a}=\mathrm{a}=\mathrm{a}$ floppydisk $\mathrm{a}+\mathrm{z}=\mathrm{a}$

* Ad hoc requests for labour force published and unpublished supplementary survey data can now be provided on floppy disk.
* The disks are suitable for use with common spreadsheet packages on IBM compatible machines.

For further information contact Mr Michael Jones on Canberra (062) 526503 or any ABS State Office.


[^0]:    (a) Includes 102,200 persons whose full-time/part-time status in main job could not be determined.

[^1]:    (a) Includes $1,295,500$ employees who worked on a part-time basis in their main job and 102,200 persons whose full-time/part-time status in main job could not be determined.

