

表 2-14 工業及服務業廠商職位空缺概況

單位：個、%

| 年 月 底 別<br>End of year and month | 總 計<br>Grand total    |                            | 礦業及土石採取業<br>Mining & quarrying |                            | 製 造 業<br>Manufacturing |                            | 電力及燃氣供應業<br>Electricity & gas supply |                            |
|----------------------------------|-----------------------|----------------------------|--------------------------------|----------------------------|------------------------|----------------------------|--------------------------------------|----------------------------|
|                                  | 職缺數<br>Labor shortage | 職缺率<br>Labor shortage rate | 職缺數<br>Labor shortage          | 職缺率<br>Labor shortage rate | 職缺數<br>Labor shortage  | 職缺率<br>Labor shortage rate | 職缺數<br>Labor shortage                | 職缺率<br>Labor shortage rate |
| 99年2月底 End of Feb. 2010          | 161,808               | 2.41                       | 6                              | 0.14                       | 75,038                 | 3.00                       | 21                                   | 0.07                       |
| 8月底 End of Aug.                  | 193,589               | 2.79                       | 5                              | 0.12                       | 87,620                 | 3.35                       | 243                                  | 0.84                       |
| 100年2月底 End of Feb. 2011         | 234,858               | 3.33                       | 30                             | 0.73                       | 104,601                | 3.93                       | 43                                   | 0.15                       |
| 8月底 End of Aug.                  | 192,569               | 2.68                       | 22                             | 0.52                       | 77,447                 | 2.87                       | 33                                   | 0.12                       |
| 101年2月底 End of Feb. 2012         | 203,364               | 2.82                       | 25                             | 0.59                       | 80,754                 | 3.00                       | 563                                  | 1.91                       |
| 8月底 End of Aug.                  | 178,798               | 2.45                       | 45                             | 1.08                       | 67,318                 | 2.48                       | 49                                   | 0.17                       |
| 102年2月底 End of Feb. 2013         | 188,716               | 2.58                       | 52                             | 1.32                       | 72,753                 | 2.69                       | 622                                  | 2.06                       |
| 8月底 End of Aug.                  | 190,733               | 2.57                       | 54                             | 1.38                       | 73,819                 | 2.69                       | 43                                   | 0.15                       |
| 103年2月底 End of Feb. 2014         | 215,483               | 2.87                       | 52                             | 1.36                       | 84,601                 | 3.06                       | 709                                  | 2.35                       |
| 8月底 End of Aug.                  | 241,313               | 3.15                       | 111                            | 2.80                       | 97,961                 | 3.45                       | 72                                   | 0.24                       |
| 104年2月底 End of Feb. 2015         | 242,260               | 3.15                       | 51                             | 1.33                       | 93,670                 | 3.31                       | 679                                  | 2.20                       |
| 8月底 End of Aug.                  | 202,983               | 2.61                       | 94                             | 2.41                       | 72,625                 | 2.56                       | 83                                   | 0.27                       |
| 105年2月底 End of Feb. 2016         | 209,567               | 2.69                       | 78                             | 2.09                       | 75,704                 | 2.68                       | 133                                  | 0.43                       |
| 8月底 End of Aug.                  | 213,097               | 2.71                       | 46                             | 1.23                       | 80,164                 | 2.81                       | 101                                  | 0.32                       |
| 106年2月底 End of Feb. 2017         | 238,400               | 3.01                       | 69                             | 1.88                       | 87,475                 | 3.04                       | 764                                  | 2.40                       |
| 8月底 End of Aug.                  | 225,727               | 2.81                       | 51                             | 1.46                       | 86,640                 | 2.97                       | 81                                   | 0.25                       |
| 107年2月底 End of Feb. 2018         | 251,500               | 3.10                       | 106                            | 3.02                       | 91,841                 | 3.14                       | 898                                  | 2.76                       |
| 8月底 End of Aug.                  | 222,492               | 2.72                       | 42                             | 1.22                       | 81,007                 | 2.74                       | 2,288                                | 6.55                       |
| 108年2月底 End of Feb. 2019         | 234,988               | 2.86                       | 83                             | 2.41                       | 83,359                 | 2.82                       | 206                                  | 0.63                       |
| 8月底 End of Aug.                  | 224,575               | 2.70                       | 33                             | 1.00                       | 80,222                 | 2.71                       | 1,398                                | 4.00                       |
| 109年2月底 End of Feb. 2020         | 226,596               | 2.66                       | 75                             | 2.32                       | 83,305                 | 2.81                       | 877                                  | 2.54                       |
| 8月底 End of Aug.                  | 234,441               | 2.75                       | 51                             | 1.56                       | 78,917                 | 2.68                       | 1,563                                | 4.30                       |
| 110年2月底 End of Feb. 2021         | 275,416               | 3.19                       | 91                             | 2.88                       | 107,714                | 3.59                       | 893                                  | 2.52                       |
| 8月底 End of Aug.                  | 255,166               | 2.98                       | 45                             | 1.41                       | 91,981                 | 3.06                       | 1,661                                | 4.50                       |
| 111年2月底 End of Feb. 2022         | 265,207               | 3.07                       | 44                             | 1.41                       | 108,571                | 3.60                       | 967                                  | 2.69                       |
| 8月底 End of Aug.                  | 237,526               | 2.74                       | 51                             | 1.61                       | 78,403                 | 2.60                       | 1,601                                | 4.30                       |
| 112年2月底 End of Feb. 2023         | 222,369               | 2.58                       | 40                             | 1.28                       | 79,045                 | 2.65                       | 959                                  | 2.63                       |
| 8月底 End of Aug.                  | 244,353               | 2.81                       | 37                             | 1.18                       | 75,339                 | 2.55                       | 1,958                                | 5.15                       |
| 11月底 End of Nov.                 | 225,916               | 2.61                       | 42                             | 1.32                       | 72,364                 | 2.45                       | 930                                  | 2.51                       |
| 113年2月底 End of Feb. 2024         | 243,911               | 2.81                       | 52                             | 1.67                       | 83,699                 | 2.84                       | 1,299                                | 3.50                       |
| 5月底 End of May.                  | 241,828               | 2.79                       | 66                             | 2.13                       | 84,666                 | 2.88                       | 1,274                                | 3.38                       |
| 8月底 End of Aug.                  | 248,036               | 2.84                       | 84                             | 2.69                       | 87,456                 | 2.97                       | 1,822                                | 4.72                       |
| 11月底 End of Nov.                 | 246,528               | 2.82                       | 89                             | 2.87                       | 89,841                 | 3.04                       | 1,062                                | 2.80                       |

資料來源：行政院主計總處「事業人力雇用狀況調查」（空缺概況）（員工報酬及進退等概況）。

說明：1.職缺率(%)=職缺數÷(職缺數+受僱員工人數)×100。

2.「專業、科學及技術服務業」自109年起增加「研究發展服務業」。

3.自98年起新增「教育業」，惟僅涵蓋「教育輔助及其他教育業」，不含各級公私立學校等；自109年起增加「學前教育」，不含小學以上各級學校等。

4.「醫療保健業及社會工作服務業」108年以前僅含「醫療保健業」。

5.該項調查原為按半年調查，自112年11月起改為按季調查

Table 2-14 Employees and Rates of Vacancy on Payrolls of Establishments  
by Industry

Unit : Person 、%

| 用水供應及污染整治業<br>Water supply &<br>remediation activities |                                  | 營建工程業<br>Construction    |                                  | 批發及零售業<br>Wholesale &<br>retail trade |                                  | 運輸及倉儲業<br>Transportation &<br>storage |                                  | 住宿及餐飲業<br>Accommodation &<br>food service activities |                                  |
|--------------------------------------------------------|----------------------------------|--------------------------|----------------------------------|---------------------------------------|----------------------------------|---------------------------------------|----------------------------------|------------------------------------------------------|----------------------------------|
| 職缺數<br>Labor<br>shortage                               | 職缺率<br>Labor<br>shortage<br>rate | 職缺數<br>Labor<br>shortage | 職缺率<br>Labor<br>shortage<br>rate | 職缺數<br>Labor<br>shortage              | 職缺率<br>Labor<br>shortage<br>rate | 職缺數<br>Labor<br>shortage              | 職缺率<br>Labor<br>shortage<br>rate | 職缺數<br>Labor<br>shortage                             | 職缺率<br>Labor<br>shortage<br>rate |
| 509                                                    | 1.93                             | 8,076                    | 1.86                             | 26,166                                | 1.75                             | 3,449                                 | 1.34                             | 7,359                                                | 2.45                             |
| 349                                                    | 1.30                             | 11,071                   | 2.45                             | 35,136                                | 2.30                             | 4,217                                 | 1.61                             | 12,838                                               | 4.07                             |
| 568                                                    | 2.16                             | 13,334                   | 2.94                             | 40,682                                | 2.62                             | 5,329                                 | 2.00                             | 12,935                                               | 3.97                             |
| 589                                                    | 2.18                             | 11,970                   | 2.61                             | 37,255                                | 2.36                             | 4,763                                 | 1.75                             | 13,497                                               | 3.99                             |
| 360                                                    | 1.32                             | 11,778                   | 2.57                             | 38,342                                | 2.40                             | 4,735                                 | 1.75                             | 13,139                                               | 3.71                             |
| 743                                                    | 2.65                             | 10,670                   | 2.31                             | 35,686                                | 2.22                             | 4,607                                 | 1.68                             | 14,686                                               | 3.96                             |
| 745                                                    | 2.59                             | 10,982                   | 2.37                             | 36,845                                | 2.28                             | 4,473                                 | 1.61                             | 13,802                                               | 3.63                             |
| 534                                                    | 1.81                             | 11,878                   | 2.54                             | 37,561                                | 2.31                             | 5,197                                 | 1.83                             | 14,311                                               | 3.64                             |
| 804                                                    | 2.65                             | 12,060                   | 2.57                             | 38,867                                | 2.37                             | 5,394                                 | 1.89                             | 15,054                                               | 3.71                             |
| 1,023                                                  | 3.33                             | 13,181                   | 2.79                             | 45,128                                | 2.72                             | 6,643                                 | 2.26                             | 17,600                                               | 4.11                             |
| 632                                                    | 2.07                             | 13,137                   | 2.80                             | 44,025                                | 2.64                             | 7,228                                 | 2.44                             | 17,691                                               | 4.01                             |
| 809                                                    | 2.57                             | 11,900                   | 2.51                             | 37,673                                | 2.26                             | 7,093                                 | 2.34                             | 18,030                                               | 3.96                             |
| 694                                                    | 2.22                             | 11,479                   | 2.44                             | 37,695                                | 2.25                             | 6,330                                 | 2.07                             | 18,256                                               | 3.90                             |
| 1,183                                                  | 3.65                             | 10,716                   | 2.27                             | 38,298                                | 2.27                             | 7,029                                 | 2.28                             | 18,251                                               | 3.79                             |
| 788                                                    | 2.41                             | 11,510                   | 2.45                             | 42,724                                | 2.52                             | 7,189                                 | 2.31                             | 20,220                                               | 4.07                             |
| 690                                                    | 2.07                             | 11,550                   | 2.44                             | 39,427                                | 2.30                             | 7,220                                 | 2.31                             | 19,588                                               | 3.86                             |
| 1,024                                                  | 2.92                             | 12,086                   | 2.56                             | 45,695                                | 2.65                             | 9,320                                 | 2.97                             | 19,507                                               | 3.79                             |
| 1,408                                                  | 3.96                             | 10,722                   | 2.26                             | 37,769                                | 2.18                             | 7,756                                 | 2.46                             | 19,180                                               | 3.68                             |
| 847                                                    | 2.36                             | 11,710                   | 2.46                             | 39,576                                | 2.28                             | 8,196                                 | 2.61                             | 19,807                                               | 3.76                             |
| 805                                                    | 2.20                             | 12,701                   | 2.62                             | 38,133                                | 2.18                             | 7,790                                 | 2.46                             | 19,042                                               | 3.54                             |
| 1,033                                                  | 2.75                             | 11,332                   | 2.34                             | 35,206                                | 2.02                             | 7,579                                 | 2.42                             | 12,994                                               | 2.51                             |
| 1,369                                                  | 3.60                             | 14,626                   | 2.97                             | 38,734                                | 2.22                             | 6,691                                 | 2.17                             | 19,705                                               | 3.88                             |
| 1,055                                                  | 2.73                             | 30,354                   | 5.98                             | 31,003                                | 1.78                             | 9,295                                 | 3.00                             | 15,109                                               | 2.91                             |
| 1,433                                                  | 3.64                             | 25,758                   | 5.14                             | 38,762                                | 2.23                             | 6,964                                 | 2.29                             | 19,938                                               | 3.93                             |
| 1,065                                                  | 2.79                             | 24,900                   | 4.97                             | 33,634                                | 1.93                             | 9,361                                 | 3.05                             | 15,470                                               | 2.94                             |
| 1,240                                                  | 3.14                             | 19,344                   | 3.84                             | 39,698                                | 2.28                             | 7,482                                 | 2.47                             | 21,478                                               | 4.10                             |
| 941                                                    | 2.36                             | 14,988                   | 3.01                             | 35,297                                | 2.03                             | 9,072                                 | 2.98                             | 16,180                                               | 3.07                             |
| 1,271                                                  | 3.11                             | 20,124                   | 3.97                             | 41,863                                | 2.40                             | 7,909                                 | 2.59                             | 23,462                                               | 4.30                             |
| 1,182                                                  | 2.88                             | 18,761                   | 3.72                             | 37,445                                | 2.15                             | 7,324                                 | 2.40                             | 20,130                                               | 3.69                             |
| 1,071                                                  | 2.66                             | 16,447                   | 3.25                             | 38,507                                | 2.21                             | 9,234                                 | 3.02                             | 20,881                                               | 3.82                             |
| 1,063                                                  | 2.66                             | 16,406                   | 3.21                             | 37,512                                | 2.15                             | 8,782                                 | 2.88                             | 19,099                                               | 3.48                             |
| 1,200                                                  | 3.01                             | 15,345                   | 2.99                             | 39,684                                | 2.26                             | 7,683                                 | 2.52                             | 20,741                                               | 3.70                             |
| 1,150                                                  | 2.86                             | 15,229                   | 2.96                             | 39,649                                | 2.25                             | 8,021                                 | 2.63                             | 21,984                                               | 3.89                             |

Source : Directorate-General of Budget, Accounting and Statistics, Executive Yuan "Job Vacancy and Employment Status Survey".

Note : 1.Labor shortage rate(%)=Labor shortage ÷ (Labor shortage + Paid employees) ×100 °

2.The Professional, Scientific & Technical Activities Industry in this table has included "Scientific Research & Development" since 2020.

3.The data series covered the Industry of Education (only educational support activities & other education are included) since 2009, and has included "Pre-primary Education" since 2020.

4.The Human Health & Social Work Activities Industry in this table only included Human Health Activities Industry before 2019.

5.This survey was originally a semi-annual survey, has been changed to a quarterly survey since November 2023.

表 2-14 工業及服務業廠商職位空缺概況(續)

單位：個、%

| 年 月 底 別<br>End of year and month | 出版影音及資通訊業<br>Information & communication |                            | 金融及保險業<br>Financial & insurance activities |                            | 不動產業<br>Real estate activities |                            | 專業、科學及技術服務業<br>Professional, scientific & technical activities |                            |
|----------------------------------|------------------------------------------|----------------------------|--------------------------------------------|----------------------------|--------------------------------|----------------------------|----------------------------------------------------------------|----------------------------|
|                                  | 職缺數<br>Labor shortage                    | 職缺率<br>Labor shortage rate | 職缺數<br>Labor shortage                      | 職缺率<br>Labor shortage rate | 職缺數<br>Labor shortage          | 職缺率<br>Labor shortage rate | 職缺數<br>Labor shortage                                          | 職缺率<br>Labor shortage rate |
| 99年2月底 End of Feb. 2010          | 4,156                                    | 2.35                       | 10,415                                     | 2.84                       | 3,439                          | 3.92                       | 4,150                                                          | 1.93                       |
| 8月底 End of Aug.                  | 4,690                                    | 2.62                       | 5,330                                      | 1.47                       | 5,048                          | 5.35                       | 6,238                                                          | 2.75                       |
| 100年2月底 End of Feb. 2011         | 5,644                                    | 3.09                       | 11,850                                     | 3.19                       | 5,240                          | 5.25                       | 5,889                                                          | 2.53                       |
| 8月底 End of Aug.                  | 5,891                                    | 3.11                       | 7,266                                      | 1.95                       | 5,141                          | 4.97                       | 5,937                                                          | 2.47                       |
| 101年2月底 End of Feb. 2012         | 6,266                                    | 3.30                       | 12,950                                     | 3.43                       | 5,164                          | 5.01                       | 6,372                                                          | 2.62                       |
| 8月底 End of Aug.                  | 4,763                                    | 2.48                       | 6,595                                      | 1.78                       | 4,052                          | 3.91                       | 6,098                                                          | 2.49                       |
| 102年2月底 End of Feb. 2013         | 5,561                                    | 2.83                       | 8,382                                      | 2.23                       | 4,979                          | 4.69                       | 6,084                                                          | 2.45                       |
| 8月底 End of Aug.                  | 5,256                                    | 2.62                       | 6,101                                      | 1.64                       | 4,453                          | 4.00                       | 6,651                                                          | 2.64                       |
| 103年2月底 End of Feb. 2014         | 5,864                                    | 2.88                       | 11,748                                     | 3.09                       | 5,673                          | 4.96                       | 7,057                                                          | 2.77                       |
| 8月底 End of Aug.                  | 6,050                                    | 2.90                       | 6,835                                      | 1.82                       | 6,040                          | 5.01                       | 7,303                                                          | 2.80                       |
| 104年2月底 End of Feb. 2015         | 6,520                                    | 3.06                       | 12,524                                     | 3.23                       | 5,943                          | 5.06                       | 7,420                                                          | 2.84                       |
| 8月底 End of Aug.                  | 6,567                                    | 3.00                       | 8,211                                      | 2.13                       | 5,288                          | 4.38                       | 7,112                                                          | 2.68                       |
| 105年2月底 End of Feb. 2016         | 6,668                                    | 3.00                       | 12,369                                     | 3.17                       | 5,248                          | 4.44                       | 7,212                                                          | 2.69                       |
| 8月底 End of Aug.                  | 7,201                                    | 3.16                       | 6,804                                      | 1.77                       | 5,198                          | 4.36                       | 8,111                                                          | 2.98                       |
| 106年2月底 End of Feb. 2017         | 7,723                                    | 3.34                       | 13,164                                     | 3.34                       | 5,467                          | 4.62                       | 8,106                                                          | 2.96                       |
| 8月底 End of Aug.                  | 7,820                                    | 3.32                       | 6,328                                      | 1.63                       | 4,580                          | 3.78                       | 8,437                                                          | 3.04                       |
| 107年2月底 End of Feb. 2018         | 8,032                                    | 3.33                       | 14,245                                     | 3.57                       | 5,729                          | 4.71                       | 8,699                                                          | 3.07                       |
| 8月底 End of Aug.                  | 7,735                                    | 3.13                       | 7,650                                      | 1.95                       | 5,141                          | 4.18                       | 8,589                                                          | 2.95                       |
| 108年2月底 End of Feb. 2019         | 8,307                                    | 3.33                       | 14,875                                     | 3.71                       | 6,022                          | 4.81                       | 8,835                                                          | 2.96                       |
| 8月底 End of Aug.                  | 7,829                                    | 3.02                       | 8,331                                      | 2.11                       | 6,022                          | 4.57                       | 9,246                                                          | 3.03                       |
| 109年2月底 End of Feb. 2020         | 8,077                                    | 3.05                       | 14,167                                     | 3.50                       | 6,090                          | 4.56                       | 9,948                                                          | 2.90                       |
| 8月底 End of Aug.                  | 8,073                                    | 2.99                       | 7,568                                      | 1.89                       | 6,933                          | 5.07                       | 10,449                                                         | 3.01                       |
| 110年2月底 End of Feb. 2021         | 9,248                                    | 3.36                       | 15,292                                     | 3.75                       | 6,838                          | 4.93                       | 10,105                                                         | 2.89                       |
| 8月底 End of Aug.                  | 8,057                                    | 2.93                       | 7,740                                      | 1.92                       | 5,777                          | 4.12                       | 9,671                                                          | 2.78                       |
| 111年2月底 End of Feb. 2022         | 8,626                                    | 3.07                       | 11,989                                     | 2.94                       | 5,915                          | 4.16                       | 10,347                                                         | 2.94                       |
| 8月底 End of Aug.                  | 8,503                                    | 2.98                       | 9,646                                      | 2.37                       | 4,762                          | 3.33                       | 9,852                                                          | 2.79                       |
| 112年2月底 End of Feb. 2023         | 7,916                                    | 2.77                       | 11,426                                     | 2.78                       | 3,986                          | 2.87                       | 9,744                                                          | 2.78                       |
| 8月底 End of Aug.                  | 8,661                                    | 3.00                       | 10,311                                     | 2.51                       | 5,004                          | 3.57                       | 10,215                                                         | 2.87                       |
| 11月底 End of Nov.                 | 7,936                                    | 2.77                       | 9,096                                      | 2.21                       | 4,617                          | 3.29                       | 10,059                                                         | 2.84                       |
| 113年2月底 End of Feb. 2024         | 8,365                                    | 2.95                       | 12,747                                     | 3.05                       | 5,020                          | 3.59                       | 9,900                                                          | 2.82                       |
| 5月底 End of May.                  | 7,785                                    | 2.74                       | 11,318                                     | 2.73                       | 4,613                          | 3.29                       | 10,117                                                         | 2.86                       |
| 8月底 End of Aug.                  | 8,454                                    | 2.98                       | 11,064                                     | 2.65                       | 4,108                          | 2.92                       | 10,306                                                         | 2.91                       |
| 11月底 End of Nov.                 | 8,580                                    | 3.01                       | 10,346                                     | 2.47                       | 3,717                          | 2.69                       | 10,051                                                         | 2.82                       |

Table 2-14 Employees and Rates of Vacancy on Payrolls of Establishments  
by Industry(Cont.)

Unit : Person 、 %

| 支援服務業<br>Support service activities |                            | 教 育 業<br>Education    |                            | 醫療保健及<br>社會工作服務業<br>Human health &<br>social work activities |                            | 藝術、娛樂及<br>休閒服務業<br>Arts, entertainment<br>& recreation |                            | 其他服務業<br>Other service activities |                            |
|-------------------------------------|----------------------------|-----------------------|----------------------------|--------------------------------------------------------------|----------------------------|--------------------------------------------------------|----------------------------|-----------------------------------|----------------------------|
| 職缺數<br>Labor shortage               | 職缺率<br>Labor shortage rate | 職缺數<br>Labor shortage | 職缺率<br>Labor shortage rate | 職缺數<br>Labor shortage                                        | 職缺率<br>Labor shortage rate | 職缺數<br>Labor shortage                                  | 職缺率<br>Labor shortage rate | 職缺數<br>Labor shortage             | 職缺率<br>Labor shortage rate |
| 11,609                              | 3.56                       | 1,280                 | 1.79                       | 4,012                                                        | 1.37                       | 1,005                                                  | 1.72                       | 1,118                             | 1.31                       |
| 8,425                               | 2.55                       | 1,899                 | 2.60                       | 4,777                                                        | 1.61                       | 1,700                                                  | 2.78                       | 4,003                             | 4.56                       |
| 16,126                              | 4.73                       | 1,383                 | 1.91                       | 5,395                                                        | 1.81                       | 2,090                                                  | 3.66                       | 3,719                             | 4.24                       |
| 8,584                               | 2.50                       | 1,993                 | 2.69                       | 5,699                                                        | 1.87                       | 2,257                                                  | 3.72                       | 4,225                             | 4.72                       |
| 9,712                               | 2.84                       | 1,478                 | 1.99                       | 6,426                                                        | 2.09                       | 1,834                                                  | 3.14                       | 3,466                             | 3.97                       |
| 9,166                               | 2.64                       | 1,847                 | 2.53                       | 7,351                                                        | 2.36                       | 1,321                                                  | 2.20                       | 3,801                             | 4.22                       |
| 9,102                               | 2.61                       | 1,803                 | 2.51                       | 6,652                                                        | 2.11                       | 1,571                                                  | 2.64                       | 4,308                             | 4.57                       |
| 9,470                               | 2.66                       | 1,727                 | 2.41                       | 7,576                                                        | 2.36                       | 2,058                                                  | 3.21                       | 4,044                             | 4.14                       |
| 10,762                              | 2.98                       | 1,829                 | 2.55                       | 7,995                                                        | 2.47                       | 2,245                                                  | 3.64                       | 4,769                             | 4.79                       |
| 15,488                              | 4.07                       | 1,617                 | 2.30                       | 8,798                                                        | 2.68                       | 2,366                                                  | 3.71                       | 5,097                             | 4.88                       |
| 14,833                              | 3.92                       | 1,787                 | 2.51                       | 8,807                                                        | 2.66                       | 2,071                                                  | 3.24                       | 5,242                             | 4.87                       |
| 10,708                              | 2.78                       | 1,749                 | 2.46                       | 8,294                                                        | 2.48                       | 2,056                                                  | 3.07                       | 4,691                             | 4.26                       |
| 10,854                              | 2.81                       | 1,467                 | 2.07                       | 8,260                                                        | 2.46                       | 2,195                                                  | 3.24                       | 4,925                             | 4.40                       |
| 12,280                              | 3.12                       | 1,746                 | 2.48                       | 7,960                                                        | 2.35                       | 2,429                                                  | 3.41                       | 5,580                             | 4.76                       |
| 13,897                              | 3.49                       | 1,766                 | 2.52                       | 9,199                                                        | 2.67                       | 2,683                                                  | 3.77                       | 5,656                             | 4.79                       |
| 13,587                              | 3.33                       | 1,812                 | 2.51                       | 9,730                                                        | 2.76                       | 2,464                                                  | 3.29                       | 5,722                             | 4.74                       |
| 14,319                              | 3.50                       | 1,882                 | 2.64                       | 9,925                                                        | 2.78                       | 2,448                                                  | 3.26                       | 5,744                             | 4.74                       |
| 13,712                              | 3.27                       | 1,621                 | 2.21                       | 9,903                                                        | 2.71                       | 2,679                                                  | 3.36                       | 5,290                             | 4.34                       |
| 13,491                              | 3.17                       | 1,688                 | 2.30                       | 10,189                                                       | 2.74                       | 2,365                                                  | 3.02                       | 5,432                             | 4.41                       |
| 13,756                              | 3.17                       | 1,574                 | 2.12                       | 9,689                                                        | 2.55                       | 2,486                                                  | 3.01                       | 5,518                             | 4.43                       |
| 13,967                              | 3.22                       | 3,269                 | 2.19                       | 11,778                                                       | 2.53                       | 2,178                                                  | 2.60                       | 4,721                             | 3.81                       |
| 13,499                              | 3.08                       | 3,628                 | 2.35                       | 15,002                                                       | 3.11                       | 2,516                                                  | 2.93                       | 5,117                             | 4.18                       |
| 15,814                              | 3.58                       | 3,365                 | 2.16                       | 12,752                                                       | 2.60                       | 2,035                                                  | 2.42                       | 4,453                             | 3.68                       |
| 12,750                              | 2.91                       | 4,078                 | 2.67                       | 14,451                                                       | 2.89                       | 1,702                                                  | 2.79                       | 4,398                             | 3.86                       |
| 12,402                              | 2.79                       | 3,159                 | 1.98                       | 12,669                                                       | 2.49                       | 1,818                                                  | 2.46                       | 4,270                             | 3.73                       |
| 12,641                              | 2.82                       | 3,029                 | 1.91                       | 11,957                                                       | 2.34                       | 3,165                                                  | 4.03                       | 4,674                             | 4.01                       |
| 11,925                              | 2.69                       | 2,556                 | 1.59                       | 11,923                                                       | 2.34                       | 1,933                                                  | 2.37                       | 4,438                             | 3.72                       |
| 12,606                              | 2.80                       | 2,986                 | 1.86                       | 14,146                                                       | 2.73                       | 3,304                                                  | 3.70                       | 5,157                             | 4.24                       |
| 11,797                              | 2.60                       | 2,270                 | 1.40                       | 14,778                                                       | 2.82                       | 2,794                                                  | 3.22                       | 4,391                             | 3.64                       |
| 11,878                              | 2.64                       | 2,940                 | 1.82                       | 14,996                                                       | 2.86                       | 2,170                                                  | 2.54                       | 4,705                             | 3.85                       |
| 13,567                              | 2.99                       | 3,261                 | 2.01                       | 15,584                                                       | 2.97                       | 2,365                                                  | 2.78                       | 4,350                             | 3.58                       |
| 14,451                              | 3.15                       | 3,279                 | 2.02                       | 14,886                                                       | 2.81                       | 2,785                                                  | 3.23                       | 4,688                             | 3.80                       |
| 12,084                              | 2.61                       | 3,323                 | 2.03                       | 14,156                                                       | 2.65                       | 2,878                                                  | 3.37                       | 4,368                             | 3.58                       |