#### **Utah Retirement Systems**

### **Required Supplementary Information**

### Schedule of Changes in the Employers' Net Pension Liability

| (in thousands) |             |  |  |            |
|----------------|-------------|--|--|------------|
|                | 2023        | 2022   | 2021   |            |
|                |             |  |  |            |
| \$             | 426,083     | 422,530  | 410,799  |            |
|                | 2,346,798   | 2,256,737  | 2,167,432  |            |
|                | _           | _  | _  |            |
|                | 705,556     | 351,279  | 404,505  |            |
|                | 406,158     | _  | 386,554  |            |
|                | (1,766,122) | (1,662,640)  | (1,565,046)  |            |
|                | (3,030)     | (3,334)  | (1,313)  |            |
|                | 2,115,443   | 1,364,572  | 1,802,931  |            |
|                | 34,931,362  | 33,566,790   | 31,763,859   |            |
|                | 37,046,805  | 34,931,362   | 33,566,790   |            |
|                |             |  |  |            |
|                | 11,884      | 15,415   | 16,178   |            |
|                | 1,046,505   | 969,922  | 942,910  |            |
|                | 2,969,950   | (1,833,570)  | 5,201,752  |            |
|                | (1,766,122) | (1,662,640)  | (1,565,046)  |            |
|                | (3,030)     | (3,334)  | (1,313)  |            |
|                | (10,736)    | (10,357)   | (10,004)   |            |
|                | (6,005)     | 58,592   | 5,986  |            |
|                | 2,242,446   | (2,465,972)  | 4,590,463  |            |
|                | 32,602,563  | 35,068,535   | 30,478,072   |            |
|                | 34,845,009  | 32,602,563   | 35,068,535   |            |
| \$             | 2,201,796   | 2,328,799  | (1,501,745)  |            |
|                | 94.1%       | 93.3%  | 104.5%   |            |
| \$             | 3,392,657   | 3,360,198  | 3,361,940  |            |
|                | 64.9%       | 69.3%  | (44.7)%  |            |
|                | \$          | \$ 426,083<br>2,346,798<br>—<br>705,556<br>406,158<br>(1,766,122)<br>(3,030)<br>2,115,443<br>34,931,362<br>37,046,805<br>11,884<br>1,046,505<br>2,969,950<br>(1,766,122)<br>(3,030)<br>(10,736)<br>(6,005)<br>2,242,446<br>32,602,563<br>34,845,009<br>\$ 2,201,796<br>94.1%<br>\$ 3,392,657 | \$ 426,083 422,530 2,346,798 2,256,737 ——————————————————————————————————— | \$ 426,083 |

| Noncontributory | , keurement 3 | ystem |
|-----------------|---------------|-------|
|                 |               |       |

| 2020        | 2019        | 2018        | 2017        | 2016        | 2015        | 2014        |
|-------------|-------------|-------------|-------------|-------------|-------------|-------------|
|             |             |             |             |             |             |             |
| 402,446     | 404,539     | 404,391     | 403,981     | 407,690     | 394,798     | 407,992     |
| 2,071,626   | 1,989,449   | 1,920,238   | 1,877,576   | 1,764,653   | 1,775,819   | 1,699,693   |
| _           | _           | _           | _           | 48,400      | _           | _           |
| 252,553     | 234,989     | 32,680      | (84,234)    | 6,408       | (188,166)   | (204,823)   |
| 176,384     | _           | _           | 642,187     | 563,741     | _           | (157,921)   |
| (1,488,627) | (1,396,983) | (1,320,214) | (1,248,037) | (1,184,317) | (1,123,647) | (1,043,798) |
| (2,338)     | (3,127)     | (2,766)     | (4,635)     | (4,366)     | (2,496)     | (2,204)     |
| 1,412,044   | 1,228,867   | 1,034,329   | 1,586,838   | 1,602,209   | 856,308     | 698,939     |
| 30,351,815  | 29,122,948  | 28,088,619  | 26,501,781  | 24,899,572  | 24,043,264  | 23,344,325  |
| 31,763,859  | 30,351,815  | 29,122,948  | 28,088,619  | 26,501,781  | 24,899,572  | 24,043,264  |
|             |             |             |             |             |             |             |
| 16 205      | 11 720      | 14.600      | 17 205      | 16 200      | 17.020      | 12 507      |
| 16,385      | 11,730      | 14,602      | 17,285      | 16,308      | 17,020      | 13,587      |
| 912,525     | 888,078     | 858,444     | 854,255     | 831,631     | 813,449     | 772,420     |
| 3,430,989   | 3,499,188   | (92,207)    | 2,987,282   | 1,783,911   | 366,748     | 1,419,053   |
| (1,488,627) | (1,396,983) | (1,320,214) | (1,248,037) | (1,184,317) | (1,123,647) | (1,043,798) |
| (2,338)     | (3,127)     | (2,766)     | (4,635)     | (4,366)     | (2,496)     | (2,204)     |
| (9,805)     | (9,411)     | (9,962)     | (9,579)     | (8,856)     | (8,797)     | (8,828)     |
| (16,980)    | (19,611)    | 13,035      | (10,187)    | (8,005)     | 33,648      | 30,467      |
| 2,842,149   | 2,969,864   | (539,068)   | 2,586,384   | 1,426,306   | 95,925      | 1,180,697   |
| 27,635,923  | 24,666,059  | 25,205,127  | 22,618,743  | 21,192,437  | 21,096,512  | 19,915,815  |
| 30,478,072  | 27,635,923  | 24,666,059  | 25,205,127  | 22,618,743  | 21,192,437  | 21,096,512  |
| 1,285,787   | 2,715,892   | 4,456,889   | 2,883,492   | 3,883,038   | 3,707,135   | 2,946,752   |
| 96.0%       | 91.1%       | 84.7%       | 89.7%       | 85.3%       | 85.1%       | 87.7%       |
| 3,306,382   | 3,328,314   | 3,330,548   | 3,375,321   | 3,406,567   | 3,458,286   | 3,570,912   |
| 38.9%       | 81.6%       | 133.8%      | 85.4%       | 114.0%      | 107.2%      | 82.5%       |
|             |             |             |             |             |             |             |

Continued on page 94.

#### Schedule of Changes in the **Employers' Net Pension Liability** (Continued)

|  | (in thousands) |           |           |           |  |
|--|----------------|-----------|-----------|-----------|--|
| Contributory Retirement System   |                | 2023      | 2022      | 2021      |  |
| Total pension liability  |                |           |           |           |  |
| Service cost   | \$             | 2,026     | 2,433     | 2,786     |  |
| Interest   |                | 81,565    | 82,901    | 85,305    |  |
| Benefit changes  |                | _         | _         | _         |  |
| Differences between expected and actual experience                         |                | 10,504    | (7,940)   | (21,487)  |  |
| Assumption changes   |                | 2,786     | _         | 10,667    |  |
| Benefit payments   |                | (96,216)  | (94,365)  | (91,712)  |  |
| Refunds  |                | (1,952)   | (848)     | (1,625)   |  |
| Net change in total pension liability                                      |                | (1,287)   | (17,819)  | (16,066)  |  |
| Total pension liability — beginning  |                | 1,238,805 | 1,256,624 | 1,272,690 |  |
| Total pension liability — ending (a)                                       |                | 1,237,518 | 1,238,805 | 1,256,624 |  |
| Plan fiduciary net position  |                |           |           |           |  |
| Contributions — member   |                | 1,130     | 1,240     | 1,445     |  |
| Contributions — employer   |                | 3,299     | 3,675     | 4,204     |  |
| Net investment income  |                | 107,716   | (70,701)  | 220,023   |  |
| Benefit payments   |                | (96,216)  | (94,365)  | (91,712)  |  |
| Refunds  |                | (1,952)   | (848)     | (1,625)   |  |
| Administrative expense   |                | (374)     | (382)     | (388)     |  |
| Net transfers with affiliated systems                                      |                | (3,136)   | (69,481)  | (20,349)  |  |
| Net change in plan fiduciary net position                                  |                | 10,467    | (230,862) | 111,598   |  |
| Plan fiduciary net position — beginning                                    |                | 1,216,375 | 1,447,237 | 1,335,639 |  |
| Plan fiduciary net position — ending (b)                                   |                | 1,226,842 | 1,216,375 | 1,447,237 |  |
| Net pension liability/(asset) — ending (a-b)                               | \$             | 10,676    | 22,430    | (190,613) |  |
| Plan fiduciary net position as a percentage of the total pension liability |                | 99.1%     | 98.2%     | 115.2%    |  |
| Projected covered payroll  | \$             | 18,977    | 26,521    | 26,782    |  |
| Net pension liability/(asset) as a percentage of covered payroll           |                | 56.3%     | 84.6%     | (711.7)%  |  |

|            |           |           | Contributory Retirement System |           |           |           |  |
|------------|-----------|-----------|--------------------------------|-----------|-----------|-----------|--|
| 2020       | 2019      | 2018      | 2017                           | 2016      | 2015      | 2014      |  |
|            |           |           |                                |           |           |           |  |
| 3,175      | 3,536     | 4,044     | 4,801                          | 5,673     | 8,672     | 9,580     |  |
| 85,198     | 86,205    | 87,297    | 90,124                         | 91,894    | 95,463    | 93,819    |  |
| _          | _         | _         | _                              | (45,057)  | _         | _         |  |
| (5,463)    | (12,817)  | (17,249)  | (24,990)                       | (13,801)  | (15,289)  | (22,839)  |  |
| 11,312     | _         | _         | 22,108                         | 22,909    | _         | (4,233)   |  |
| (89,890)   | (88,162)  | (86,795)  | (84,759)                       | (83,447)  | (81,390)  | (77,015)  |  |
| (1,753)    | (2,660)   | (1,471)   | (1,613)                        | (1,700)   | (1,215)   | (2,433)   |  |
| 2,579      | (13,898)  | (14,174)  | 5,671                          | (23,529)  | 6,241     | (3,121)   |  |
| 1,270,111  | 1,284,009 | 1,298,183 | 1,292,512                      | 1,316,041 | 1,309,800 | 1,312,921 |  |
| 1,272,690  | 1,270,111 | 1,284,009 | 1,298,183                      | 1,292,512 | 1,316,041 | 1,309,800 |  |
|            |           |           |                                |           |           |           |  |
| 1 720      | 1.050     | 2.455     | 2.675                          | 2.420     | 4 771     | E 461     |  |
| 1,728      | 1,950     | 2,455     | 2,675                          | 3,420     | 4,771     | 5,461     |  |
| 4,759      | 5,433     | 6,027     | 7,946                          | 8,188     | 11,719    | 12,954    |  |
| 154,367    | 163,935   | (4,513)   | 155,949                        | 97,693    | 21,251    | 87,577    |  |
| (89,890)   | (88,162)  | (86,795)  | (84,761)                       | (83,447)  | (81,390)  | (77,015)  |  |
| (1,753)    | (2,660)   | (1,471)   | (1,613)                        | (1,700)   | (1,215)   | (2,433)   |  |
| (406)      | (408)     | (454)     | (457)                          | (446)     | (478)     | (494)     |  |
| 4,542      | 9,775     | (26,286)  | (1,177)                        | (1,895)   | (41,558)  | (38,004)  |  |
| 73,347     | 89,863    | (111,037) | 78,562                         | 21,813    | (86,900)  | (11,954)  |  |
| 1,262,292  | 1,172,429 | 1,283,466 | 1,204,904                      | 1,183,091 | 1,269,991 | 1,281,945 |  |
| 1,335,639  | 1,262,292 | 1,172,429 | 1,283,466                      | 1,204,904 | 1,183,091 | 1,269,991 |  |
| (62,949)   | 7,819     | 111,580   | 14,717                         | 87,608    | 132,950   | 39,809    |  |
| <br>104.9% | 99.4%     | 91.3%     | 98.9%                          | 93.2%     | 89.9%     | 97.0%     |  |
| 30,748     | 34,317    | 39,279    | 45,177                         | 53,615    | 82,426    | 90,623    |  |
| (204.7)%   | 22.8%     | 284.1%    | 32.6%                          | 163.4%    | 161.3%    | 43.9%     |  |
|            |           |           |                                |           |           |           |  |

Continued on page 96.

#### Schedule of Changes in the **Employers' Net Pension Liability** (Continued)

| (III tilousullus) | (in | thousand | s) |
|-------------------|-----|----------|----|
|-------------------|-----|----------|----|

|  | (in thousands) |           |           |           |  |  |
|--|----------------|-----------|-----------|-----------|--|--|
| Public Safety Retirement System  |                | 2023      | 2022      | 2021      |  |  |
| Total pension liability  |                |           |           |           |  |  |
| Service cost   | \$             | 79,409    | 73,905    | 74,554    |  |  |
| Interest   |                | 344,468   | 331,631   | 320,715   |  |  |
| Benefit changes  |                | _         | _         | _         |  |  |
| Differences between expected and actual experience                         |                | 200,925   | 26,698    | 8,677     |  |  |
| Assumption changes   |                | 65,813    | _         | 61,108    |  |  |
| Benefit payments   |                | (252,716) | (241,776) | (233,672) |  |  |
| Refunds  |                | (128)     | (552)     | (32)      |  |  |
| Net change in total pension liability                                      |                | 437,771   | 189,906   | 231,350   |  |  |
| Total pension liability — beginning  |                | 5,115,440 | 4,925,534 | 4,694,184 |  |  |
| Total pension liability — ending (a)                                       |                | 5,553,211 | 5,115,440 | 4,925,534 |  |  |
| Plan fiduciary net position  |                |           |           |           |  |  |
| Contributions — member   |                | 568       | 1,037     | 1,421     |  |  |
| Contributions — employer   |                | 183,723   | 168,535   | 152,524   |  |  |
| Net investment income  |                | 436,503   | (267,352) | 756,145   |  |  |
| Benefit payments   |                | (252,716) | (241,776) | (233,672) |  |  |
| Refunds  |                | (128)     | (552)     | (32)      |  |  |
| Administrative expense   |                | (1,599)   | (1,513)   | (1,466)   |  |  |
| Net transfers with affiliated systems                                      |                | 5,041     | 5,403     | 7,956     |  |  |
| Net change in plan fiduciary net position                                  |                | 371,392   | (336,218) | 682,876   |  |  |
| Plan fiduciary net position — beginning                                    |                | 4,769,175 | 5,105,393 | 4,422,517 |  |  |
| Plan fiduciary net position — ending (b)                                   |                | 5,140,567 | 4,769,175 | 5,105,393 |  |  |
| Net pension liability/(asset) — ending (a-b)                               | \$             | 412,644   | 346,265   | (179,859) |  |  |
| Plan fiduciary net position as a percentage of the total pension liability |                | 92.6%     | 93.2%     | 103.7%    |  |  |
| Projected covered payroll  | \$             | 339,221   | 313,938   | 325,616   |  |  |
| Net pension liability/(asset) as a percentage of covered payroll           |                | 121.6%    | 110.3%    | (55.2)%   |  |  |
|  |                |           |           |           |  |  |

| Public Safety Retire | ment System |
|----------------------|-------------|
| 2015                 | 2014        |

| 20      | 2019         | 2018      | 2017      | 2016      | 2015      | 2014      |
|---------|--------------|-----------|-----------|-----------|-----------|-----------|
|         |              |           |           |           |           |           |
| 77,8    | 99 78,229    | 80,296    | 78,272    | 78,843    | 75,352    | 76,681    |
| 305,2   | 21 291,647   | 280,149   | 269,818   | 249,722   | 248,980   | 236,803   |
|         |              | _         | _         | _         | _         | _         |
| 72,1    | 99 34,291    | 1,441     | (3,041)   | 9,358     | (17,164)  | (25,225)  |
| (6,1    | 65) —        | _         | 118,370   | 110,373   | _         | (52,410)  |
| (215,2  | 89) (201,923 | (188,414) | (172,870) | (164,508) | (155,387) | (144,763) |
| (       | 96) (76      | (428)     | (226)     | (183)     | (533)     | (199)     |
| 233,7   | 69 202,168   | 173,044   | 290,323   | 283,605   | 151,248   | 90,887    |
| 4,460,4 | 15 4,258,247 | 4,085,203 | 3,794,880 | 3,511,275 | 3,360,027 | 3,269,140 |
| 4,694,1 | 84 4,460,415 | 4,258,247 | 4,085,203 | 3,794,880 | 3,511,275 | 3,360,027 |
|         |              |           |           |           |           |           |
| 5       | 57 856       | 895       | 793       | 830       | 905       | 835       |
| 150,5   |              |           | 145,814   | 147,099   | 141,024   | 135,588   |
| 496,7   |              |           | 421,917   | 249,027   | 50,654    | 194,222   |
| (215,2  | •            |           | (172,870) | (164,508) | (155,387) | (144,763) |
|         | 96) (76      |           | (226)     | (183)     | (533)     | (11,7,63) |
| (1,4    |              |           | (1,382)   | (1,260)   | (1,233)   | (1,227)   |
| 7,3     |              |           | 5,926     | 6,701     | 4,023     | 2,746     |
| 438,3   |              |           | 399,972   | 237,706   | 39,453    | 187,202   |
| 3,984,1 | 86 3,528,069 |           | 3,176,545 | 2,938,839 | 2,899,386 | 2,712,184 |
| 4,422,5 | 17 3,984,186 | 3,528,069 | 3,576,517 | 3,176,545 | 2,938,839 | 2,899,386 |
| 271,6   | 67 476,229   | 730,178   | 508,686   | 618,335   | 572,436   | 460,641   |
| _       | 4.20/        | 0/ 62.00  | , 07.50   | 02.72/    | 02.72/    | 06.334    |
|         | 4.2% 89.3    |           |           |           |           | 86.3%     |
| 338,9   |              |           | 350,782   | 352,407   | 355,171   | 360,750   |
| 80      | 0.2% 140.2   | 209.5%    | 6 145.0%  | 175.5%    | 161.2%    | 127.7%    |

Continued on page 98.

#### Schedule of Changes in the **Employers' Net Pension Liability** (Continued)

Year Ended December 31

(in thousands)

|  | (in thousands) |           |           |           |  |  |
|--|----------------|-----------|-----------|-----------|--|--|
| Firefighters Retirement System   |                | 2023      | 2022      | 2021      |  |  |
| Total pension liability  |                |           |           |           |  |  |
| Service cost   | \$             | 30,523    | 30,033    | 29,351    |  |  |
| Interest   |                | 103,496   | 99,323    | 95,203    |  |  |
| Benefit changes  |                | 800       | _         | _         |  |  |
| Differences between expected and actual experience                         |                | 28,171    | 4,788     | 5,996     |  |  |
| Assumption changes   |                | 942       | _         | 18,286    |  |  |
| Benefit payments   |                | (75,341)  | (71,019)  | (66,508)  |  |  |
| Refunds  |                | (195)     | (370)     | (176)     |  |  |
| Net change in total pension liability                                      |                | 88,396    | 62,755    | 82,152    |  |  |
| Total pension liability — beginning  |                | 1,533,404 | 1,470,649 | 1,388,497 |  |  |
| Total pension liability — ending (a)                                       |                | 1,621,800 | 1,533,404 | 1,470,649 |  |  |
| Plan fiduciary net position  |                |           |           |           |  |  |
| Contributions — member   |                | 19,696    | 19,269    | 18,985    |  |  |
| Contributions — employer   |                | 6,074     | 6,473     | 7,499     |  |  |
| Court fees and fire insurance premium tax                                  |                | 23,328    | 22,738    | 21,136    |  |  |
| Net investment income  |                | 154,170   | (94,373)  | 265,931   |  |  |
| Benefit payments   |                | (75,341)  | (71,019)  | (66,508)  |  |  |
| Refunds  |                | (195)     | (370)     | (176)     |  |  |
| Administrative expense   |                | (466)     | (451)     | (435)     |  |  |
| Net transfers with affiliated systems                                      |                | 2,611     | 3,513     | 1,837     |  |  |
| Net change in plan fiduciary net position                                  |                | 129,877   | (114,220) | 248,269   |  |  |
| Plan fiduciary net position — beginning                                    |                | 1,685,243 | 1,799,463 | 1,551,194 |  |  |
| Plan fiduciary net position — ending (b)                                   |                | 1,815,120 | 1,685,243 | 1,799,463 |  |  |
| Net pension liability/(asset) — ending (a-b)                               | \$             | (193,320) | (151,839) | (328,814) |  |  |
| Plan fiduciary net position as a percentage of the total pension liability |                | 111.9%    | 109.9%    | 122.4%    |  |  |
| Projected covered payroll  | \$             | 116,760   | 114,702   | 114,635   |  |  |
| Net pension liability/(asset) as a percentage of covered payroll           |                | (165.6)%  | (132.4)%  | (286.8)%  |  |  |
|  |                |           |           |           |  |  |

|           | Firefighters Retirement Syste |           |           |           |           |           |  |  |
|-----------|-------------------------------|-----------|-----------|-----------|-----------|-----------|--|--|
| 2020      | 2019                          | 2018      | 2017      | 2016      | 2015      | 2014      |  |  |
|           |                               |           |           |           |           |           |  |  |
| 29,553    | 29,281                        | 29,378    | 28,775    | 28,652    | 27,182    | 27,266    |  |  |
| 90,343    | 86,589                        | 82,819    | 80,386    | 75,334    | 75,212    | 71,490    |  |  |
| _         | _                             | _         | _         | _         | _         | _         |  |  |
| 8,829     | (437)                         | 937       | (9,216)   | (5,525)   | (8,259)   | (15,077)  |  |  |
| 6,153     | _                             | _         | 31,357    | 25,572    | _         | (20,372)  |  |  |
| (62,842)  | (59,847)                      | (57,440)  | (54,793)  | (52,102)  | (49,671)  | (47,710)  |  |  |
| (159)     | (255)                         | (132)     | (511)     | (466)     | (528)     | (293)     |  |  |
| 71,877    | 55,331                        | 55,562    | 75,998    | 71,465    | 43,936    | 15,304    |  |  |
| 1,316,620 | 1,261,289                     | 1,205,727 | 1,129,729 | 1,058,264 | 1,014,328 | 999,024   |  |  |
| 1,388,497 | 1,316,620                     | 1,261,289 | 1,205,727 | 1,129,729 | 1,058,264 | 1,014,328 |  |  |
|           |                               |           |           |           |           |           |  |  |
| 18,729    | 18,701                        | 18,305    | 18,460    | 18,729    | 18,175    | 18,300    |  |  |
| 7,490     | 7,443                         | 7,021     | 6,715     | 6,954     | 6,690     | 5,514     |  |  |
| 20,279    | 41,859                        | 8,747     | 1,223     | 10,569    | 17,218    | 14,154    |  |  |
| 173,818   | 174,141                       | (4,509)   | 146,736   | 87,746    | 17,934    | 69,070    |  |  |
| (62,842)  | (59,847)                      | (57,440)  | (54,793)  | (52,102)  | (49,671)  | (47,710)  |  |  |
| (159)     | (255)                         | (132)     | (511)     | (466)     | (528)     | (293)     |  |  |
| (425)     | (405)                         | (427)     | (408)     | (374)     | (371)     | (370)     |  |  |
| 2,751     | 2,027                         | 1,917     | 1,259     | 1,611     | 2,573     | 3,713     |  |  |
| 159,641   | 183,664                       | (26,518)  | 118,681   | 72,667    | 12,020    | 62,378    |  |  |
| 1,391,553 | 1,207,889                     | 1,234,407 | 1,115,726 | 1,043,059 | 1,031,039 | 968,661   |  |  |
| 1,551,194 | 1,391,553                     | 1,207,889 | 1,234,407 | 1,115,726 | 1,043,059 | 1,031,039 |  |  |
| (162,697) | (74,933)                      | 53,400    | (28,680)  | 14,003    | 15,205    | (16,711)  |  |  |
| 111.7%    | 105.7%                        | 95.8%     | 102.4%    | 98.8%     | 98.6%     | 101.6%    |  |  |
| 114,458   | 113,330                       | 113,587   | 112,953   | 112,322   | 111,133   | 111,305   |  |  |
| (142.1)%  | (66.1)%                       | 47.0%     | (25.4)%   | 12.5%     | 13.7%     | (15.0)%   |  |  |

Continued on page 100.

#### Schedule of Changes in the **Employers' Net Pension Liability** (Continued)

| (in thousands, | ) |
|----------------|---|
|----------------|---|

| Judges Retirement System   |    | (in thousands) |          |          |  |  |  |
|--|----|----------------|----------|----------|--|--|--|
|  |    | 2023           | 2022     | 2021     |  |  |  |
| Total pension liability  |    |                |          |          |  |  |  |
| Service cost   | \$ | 6,920          | 6,667    | 6,309    |  |  |  |
| Interest   |    | 19,983         | 19,008   | 18,415   |  |  |  |
| Benefit changes  |    | _              | _        | _        |  |  |  |
| Differences between expected and actual experience                         |    | 9,671          | 6,552    | 2,789    |  |  |  |
| Assumption changes   |    | (289)          | _        | 2,928    |  |  |  |
| Benefit payments   |    | (18,620)       | (17,609) | (18,600) |  |  |  |
| Refunds  |    | _              | _        | _        |  |  |  |
| Net change in total pension liability                                      |    | 17,665         | 14,618   | 11,841   |  |  |  |
| Total pension liability — beginning  |    | 297,575        | 282,957  | 271,116  |  |  |  |
| Total pension liability — ending (a)                                       |    | 315,240        | 297,575  | 282,957  |  |  |  |
| Plan fiduciary net position  |    |                |          |          |  |  |  |
| Contributions — member   |    |                | - 2770   |          |  |  |  |
| Contributions — employer   |    | 10,372         | 9,378    | 8,949    |  |  |  |
| Court fees and fire insurance premium tax                                  |    | 1,605          | 1,335    | 1,354    |  |  |  |
| Net investment income  |    | 23,938         | (14,729) | 41,716   |  |  |  |
| Benefit payments   |    | (18,620)       | (17,609) | (18,600) |  |  |  |
| Refunds  |    | _              | _        | _        |  |  |  |
| Administrative expense   |    | (92)           | (88)     | (85)     |  |  |  |
| Net transfers with affiliated systems                                      |    | 1,474          | 1,990    | 4,563    |  |  |  |
| Net change in plan fiduciary net position                                  |    | 18,677         | (19,723) | 37,897   |  |  |  |
| Plan fiduciary net position — beginning                                    |    | 262,307        | 282,030  | 244,133  |  |  |  |
| Plan fiduciary net position — ending (b)                                   |    | 280,984        | 262,307  | 282,030  |  |  |  |
| Net pension liability/(asset) — ending (a-b)                               | \$ | 34,256         | 35,268   | 927      |  |  |  |
| Plan fiduciary net position as a percentage of the total pension liability |    | 89.1%          | 88.1%    | 99.7%    |  |  |  |
| Projected covered payroll  | \$ | 22,225         | 21,202   | 20,801   |  |  |  |
| Net pension liability/(asset) as a percentage of covered payroll           |    | 154.1%         | 166.3%   | 4.5%     |  |  |  |

|            |            |            |                |            | Judges Re  | tirement System |
|------------|------------|------------|----------------|------------|------------|-----------------|
| 2020       | 2019       | 2018       | 2017           | 2016       | 2015       | 2014            |
|            |            |            |                |            |            |                 |
| 6,144      | 6,054      | 5,682      | 5,325          | 5,023      | 4,794      | 4,895           |
| 17,675     | 16,649     | 15,697     | 14,866         | 14,064     | 14,136     | 13,641          |
| _          | _          | _          | _              | _          | _          | _               |
| 548        | 7,615      | 7,872      | 809            | 1,995      | 171        | 2,602           |
| 3,431      | _          | _          | 13,067         | 2,885      | _          | (130)           |
| (15,863)   | (15,346)   | (16,111)   | (13,621)       | (12,330)   | (12,400)   | (11,361)        |
| _          | _          | _          | _              | _          | _          | _               |
| 11,935     | 14,972     | 13,140     | 20,446         | 11,637     | 6,701      | 9,647           |
| 259,181    | 244,209    | 231,069    | 210,623        | 198,986    | 192,285    | 182,638         |
| 271,116    | 259,181    | 244,209    | 231,069        | 210,623    | 198,986    | 192,285         |
|            |            |            |                |            |            |                 |
|            |            |            |                |            |            | 317             |
| —<br>8,646 | —<br>8,500 | —<br>8,091 | —<br>7,563     | —<br>7,382 | —<br>6,555 | 5,627           |
| 1,410      | 1,536      | 1,518      | 7,303<br>1,477 | 1,470      | 1,653      | 1,486           |
| 27,391     | 27,775     | (730)      | 23,435         | 13,820     | 2,842      | 11,068          |
| (15,863)   | (15,346)   | (16,111)   | (13,621)       | (12,330)   | (12,400)   | (11,361)        |
| (13,003)   | (13,340)   | (10,111)   | (13,021)       | (12,550)   | (12,400)   | (11,501)        |
| (84)       | (81)       | (84)       | (79)           | (71)       | (71)       | (71)            |
| 2,340      | 2,339      | 4,403      | 4,090          | 1,600      | 1,334      | 1,092           |
| 23,840     | 24,723     | (2,913)    | 22,865         | 11,871     | (87)       | 8,158           |
| 220,293    | 195,570    | 198,483    | 175,618        | 163,747    | 163,834    | 155,676         |
| 244,133    | 220,293    | 195,570    | 198,483        | 175,618    | 163,747    | 163,834         |
| 26,983     | 38,888     | 48,639     | 32,586         | 35,005     | 35,239     | 28,451          |
|            |            |            |                |            |            |                 |
| 90.0%      | 85.0%      | 80.1%      | 85.9%          | 83.4%      | 82.3%      | 85.2%           |
| 20,071     | 19,596     | 18,802     | 18,661         | 16,755     | 15,832     | 16,072          |
| 134.4%     | 198.4%     | 258.7%     | 174.6%         | 208.9%     | 222.6%     | 177.0%          |

Continued on page 102.

#### **Schedule of Changes in the Employers' Net Pension Liability** (Continued)

Net pension liability/(asset) as a percentage of covered payroll

Year Ended December 31

|  | (in th  | ousands) |         |         |  |
|--|---------|----------|---------|---------|--|
| Utah Governors and Legislators Retirement Plan                             | (111111 | 2023     | 2022    | 2021    |  |
| Total pension liability  |         |          |         |         |  |
| Service cost   | \$      | 55       | 52      | 46      |  |
| Interest   |         | 868      | 872     | 892     |  |
| Benefit changes  |         | _        | _       | _       |  |
| Differences between expected and actual experience                         |         | (26)     | 50      | (144)   |  |
| Assumption changes   |         | 10       | _       | 114     |  |
| Benefit payments   |         | (1,058)  | (1,010) | (1,036) |  |
| Refunds  |         | _        | _       | _       |  |
| Net change in total pension liability                                      |         | (151)    | (36)    | (128)   |  |
| Total pension liability — beginning  |         | 13,166   | 13,202  | 13,330  |  |
| Total pension liability — ending (a)                                       |         | 13,015   | 13,166  | 13,202  |  |
| Plan fiduciary net position  |         |          |         |         |  |
| Contributions — member   |         | _        | _       | _       |  |
| Contributions — employer   |         | 360      | 422     | 361     |  |
| Court fees and fire insurance premium tax                                  |         | _        | _       | _       |  |
| Net investment income  |         | 1,097    | (693)   | 2,042   |  |
| Benefit payments   |         | (1,058)  | (1,010) | (1,036) |  |
| Refunds  |         | _        | _       | _       |  |
| Administrative expense   |         | (4)      | (4)     | (4)     |  |
| Net transfers with affiliated systems                                      |         | 15       | (18)    | 7       |  |
| Net change in plan fiduciary net position                                  |         | 410      | (1,303) | 1,370   |  |
| Plan fiduciary net position — beginning                                    |         | 12,122   | 13,425  | 12,055  |  |
| Plan fiduciary net position — ending (b)                                   |         | 12,532   | 12,122  | 13,425  |  |
| Net pension liability/(asset) — ending (a-b)                               | \$      | 483      | 1,044   | (223)   |  |
| Plan fiduciary net position as a percentage of the total pension liability |         | 96.3%    | 92.1%   | 101.7%  |  |
| Projected covered payroll  | \$      | 724      | 564     | 719     |  |
|  |         |          |         |         |  |

(31.0)%

185.1%

66.7%

|         |         |        |        | Utah ( | Governors and Legislators | Retirement Plan |
|---------|---------|--------|--------|--------|---------------------------|-----------------|
| 2020    | 2019    | 2018   | 2017   | 2016   | 2015                      | 2014            |
|         |         |        |        |        |                           |                 |
| 104     | 59      | 65     | 68     | 89     | 99                        | 106             |
| 875     | 883     | 877    | 879    | 851    | 890                       | 884             |
| _       | _       | _      | _      | _      | _                         | _               |
| 224     | (54)    | 139    | 182    | 167    | (105)                     | 307             |
| 107     | _       | _      | 264    | 241    | _                         | _               |
| (1,023) | (1,012) | (978)  | (973)  | (941)  | (904)                     | (909)           |
| (10)    | _       | _      | _      | _      | _                         | _               |
| 277     | (124)   | 103    | 420    | 407    | (20)                      | 388             |
| 13,053  | 13,177  | 13,074 | 12,654 | 12,247 | 12,267                    | 11,879          |
| 13,330  | 13,053  | 13,177 | 13,074 | 12,654 | 12,247                    | 12,267          |
| _       | _       | _      | _      | _      | _                         | _               |
| 369     | 384     | 392    | 404    | 421    | 421                       | 411             |
| _       | _       | _      | _      | _      | _                         | _               |
| 1,396   | 1,481   | (41)   | 1,353  | 849    | 181                       | 717             |
| (1,023) | (1,012) | (978)  | (973)  | (941)  | (904)                     | (909)           |
| (10)    | _       | _      | _      | _      | _                         | _               |
| (4)     | (4)     | (5)    | (5)    | (4)    | (5)                       | (5)             |
| (17)    | (42)    | (51)   | 89     | (12)   | (20)                      | (14)            |
| 711     | 807     | (683)  | 868    | 313    | (327)                     | 200             |
| 11,344  | 10,537  | 11,220 | 10,352 | 10,039 | 10,366                    | 10,166          |
| 12,055  | 11,344  | 10,537 | 11,220 | 10,352 | 10,039                    | 10,366          |
| 1,275   | 1,709   | 2,640  | 1,854  | 2,302  | 2,208                     | 1,901           |
| 90.4%   | 86.9%   | 80.0%  | 85.8%  | 81.8%  | 82.0%                     | 84.5%           |
| <br>757 | 639     | 639    | 722    | 799    | 943                       | 928             |
|         |         |        |        |        |                           |                 |

413.1%

256.8%

288.1%

Continued on page 104.

204.8%

234.1%

267.4%

168.4%

#### Schedule of Changes in the **Employers' Net Pension Liability** (Continued)

| (in th | nousand | s) |
|--------|---------|----|
|--------|---------|----|

|  | (III tillousunus) |           |           |           |  |  |
|--|-------------------|-----------|-----------|-----------|--|--|
| Tier 2 Public Employees Contributory Retirement System                     |                   | 2023      | 2022      | 2021      |  |  |
| Total pension liability  |                   |           |           |           |  |  |
| Service cost   | \$                | 235,367   | 200,266   | 167,468   |  |  |
| Interest   |                   | 104,661   | 82,921    | 64,608    |  |  |
| Benefit changes  |                   | _         | _         | _         |  |  |
| Differences between expected and actual experience                         |                   | 32,094    | 19,941    | 9,348     |  |  |
| Assumption changes   |                   | 87,861    | _         | 25,384    |  |  |
| Benefit payments   |                   | (4,005)   | (2,602)   | (1,982)   |  |  |
| Refunds  |                   | (9)       | _         | _         |  |  |
| Net change in total pension liability                                      |                   | 455,969   | 300,526   | 264,826   |  |  |
| Total pension liability — beginning  |                   | 1,412,220 | 1,111,694 | 846,868   |  |  |
| Total pension liability — ending (a)                                       |                   | 1,868,189 | 1,412,220 | 1,111,694 |  |  |
| Plan fiduciary net position  |                   |           |           |           |  |  |
| Contributions — member   |                   | 130       | 164       | 57        |  |  |
| Contributions — employer   |                   | 246,408   | 217,179   | 168,232   |  |  |
| Court fees and fire insurance premium tax                                  |                   | _         | _         | _         |  |  |
| Net investment income  |                   | 128,147   | (65,084)  | 155,495   |  |  |
| Benefit payments   |                   | (4,005)   | (2,602)   | (1,982)   |  |  |
| Refunds  |                   | (9)       | _         | _         |  |  |
| Administrative expense   |                   | (451)     | (345)     | (269)     |  |  |
| Net transfers with affiliated systems                                      |                   |           | 1         | _         |  |  |
| Net change in plan fiduciary net position                                  |                   | 370,220   | 149,313   | 321,533   |  |  |
| Plan fiduciary net position — beginning                                    |                   | 1,303,331 | 1,154,018 | 832,485   |  |  |
| Plan fiduciary net position — ending (b)                                   |                   | 1,673,551 | 1,303,331 | 1,154,018 |  |  |
| Net pension liability/(asset) — ending (a-b)                               | \$                | 194,638   | 108,889   | (42,324)  |  |  |
| Plan fiduciary net position as a percentage of the total pension liability |                   | 89.6%     | 92.3%     | 103.8%    |  |  |
| Projected covered payroll  | \$                | 2,459,139 | 2,099,223 | 1,810,502 |  |  |
| Net pension liability/(asset) as a percentage of covered payroll           |                   | 7.9%      | 5.2%      | (2.3)%    |  |  |
|  |                   |           |           |           |  |  |

Tier 2 Public Employees Contributory Retirement System

|               |             |              |             |             |            | •           |
|---------------|-------------|--------------|-------------|-------------|------------|-------------|
| 2020          | 2019        | 2018         | 2017        | 2016        | 2015       | 2014        |
|               |             |              |             |             |            |             |
| 146,284       | 124,244     | 104,736      | 84,388      | 69,887      | 51,005     | 39,283      |
| 49,103        | 36,773      | 27,109       | 19,471      | 12,608      | 8,370      | 4,648       |
| _             | _           | _            | _           | _           | _          | _           |
| 8,201         | 6,561       | (1,727)      | 357         | (1,917)     | (4,982)    | (4,577)     |
| 10,603        | _           | _            | 5,786       | 7,867       | _          | (1,385)     |
| (1,397)       | (965)       | (692)        | (417)       | (316)       | (333)      | _           |
| _             | _           | _            | _           | _           | _          | _           |
| 212,794       | 166,613     | 129,426      | 109,585     | 88,129      | 54,060     | 37,969      |
| 634,074       | 467,461     | 338,035      | 228,450     | 140,321     | 86,261     | 48,292      |
| 846,868       | 634,074     | 467,461      | 338,035     | 228,450     | 140,321    | 86,261      |
|               |             |              |             |             |            |             |
|               |             |              |             |             |            |             |
| 120.466       | 110.020     | 07.690       | 70.175      | -           | 40.645     | 27 200      |
| 138,466       | 119,839     | 97,680       | 79,175      | 63,062      | 49,645     | 37,299      |
| —<br>84,040   | —<br>68,228 | —<br>(1,454) | —<br>33,249 | —<br>14,059 | —<br>1,963 | <del></del> |
|               |             |              |             |             |            | 4,320       |
| (1,397)       | (965)       | (692)        | (417)       | (316)       | (333)      | _           |
| (207)         | (152)       | (110)        | (02)        |             | (30)       | (1.6)       |
| (207)         | (152)       | (119)        | (82)        | (51)        | (30)       | (16)        |
|               |             |              |             |             | 3          | (2)         |
| 220,902       | 186,950     | 95,415       | 111,925     | 76,754      | 51,248     | 41,601      |
| 611,583       | 424,633     | 329,218      | 217,293     | 140,539     | 89,291     | 47,690      |
| 832,485       | 611,583     | 424,633      | 329,218     | 217,293     | 140,539    | 89,291      |
| 14,383        | 22,491      | 42,828       | 8,817       | 11,157      | (218)      | (3,030)     |
| 98.3%         | 96.5%       | 90.8%        | 97.4%       | 95.1%       | 100.1%     | 103.5%      |
| <br>1,609,102 | 1,380,488   | 1,171,543    | 996,965     | 822,196     | 637,560    | 492,882     |
| 0.9%          | 1.6%        | 3.7%         | 0.9%        | 1.4%        | — %        | (0.6)%      |
|               |             |              |             |             |            |             |

Continued on page 106.

#### Schedule of Changes in the **Employers' Net Pension Liability** (Continued)

| (in thousands, | ) |
|----------------|---|
|----------------|---|

|  | (in thousands) |         |          |         |  |  |
|--|----------------|---------|----------|---------|--|--|
| Tier 2 Public Safety and Firefighter Contributory Retirement System        |                | 2023    | 2022     | 2021    |  |  |
| Total pension liability  |                |         |          |         |  |  |
| Service cost   | \$             | 54,564  | 42,714   | 35,061  |  |  |
| Interest   |                | 17,735  | 13,626   | 10,200  |  |  |
| Benefit changes  |                | _       | _        | _       |  |  |
| Differences between expected and actual experience                         |                | 17,650  | (2,131)  | (880)   |  |  |
| Assumption changes   |                | 24,251  | _        | 3,983   |  |  |
| Benefit payments   |                | (191)   | (42)     | (37)    |  |  |
| Refunds  |                | (33)    | (4)      | _       |  |  |
| Net change in total pension liability                                      |                | 113,976 | 54,163   | 48,327  |  |  |
| Total pension liability — beginning  |                | 231,743 | 177,580  | 129,253 |  |  |
| Total pension liability — ending (a)                                       |                | 345,719 | 231,743  | 177,580 |  |  |
| Plan fiduciary net position  |                |         |          |         |  |  |
| Contributions — member   |                | 9,589   | 7,386    | 5,335   |  |  |
| Contributions — employer   |                | 52,392  | 44,272   | 33,406  |  |  |
| Court fees and fire insurance premium tax                                  |                | _       | _        | _       |  |  |
| Net investment income  |                | 22,971  | (10,791) | 23,686  |  |  |
| Benefit payments   |                | (191)   | (42)     | (37)    |  |  |
| Refunds  |                | (33)    | (4)      | _       |  |  |
| Administrative expense   |                | (79)    | (54)     | (40)    |  |  |
| Net transfers with affiliated systems                                      |                |         | <u> </u> | _       |  |  |
| Net change in plan fiduciary net position                                  |                | 84,649  | 40,767   | 62,350  |  |  |
| Plan fiduciary net position — beginning                                    |                | 223,401 | 182,634  | 120,284 |  |  |
| Plan fiduciary net position — ending (b)                                   |                | 308,050 | 223,401  | 182,634 |  |  |
| Net pension liability/(asset) — ending (a-b)                               | \$             | 37,669  | 8,342    | (5,054) |  |  |
| Plan fiduciary net position as a percentage of the total pension liability |                | 89.1%   | 96.4%    | 102.8%  |  |  |
| Projected covered payroll  | \$             | 339,569 | 265,137  | 223,892 |  |  |
| Net pension liability/(asset) as a percentage of covered payroll           |                | 11.1%   | 3.1%     | (2.3)%  |  |  |

Tier 2 Public Safety and Firefighter Contributory Retirement System

| net 21 doite safety and 1 netighter contin |         |         |         |        |         |         |
|--|---------|---------|---------|--------|---------|---------|
| 2020                                       | 2019    | 2018    | 2017    | 2016   | 2015    | 2014    |
|  |         |         |         |        |         |         |
| 29,998                                     | 24,849  | 13,998  | 10,763  | 8,164  | 5,466   | 3,579   |
| 7,350                                      | 4,811   | 3,199   | 2,133   | 1,274  | 746     | 379     |
| _  | 2,537   | _       | _       | _      | _       | _       |
| 2,133                                      | 1,839   | 621     | (2)     | 425    | 220     | 50      |
| (939)                                      | _       | _       | 1,924   | 803    | _       | (127)   |
| (76)                                       | (90)    | _       | (61)    | (28)   | (30)    | _       |
| _  | _       | _       | _       | _      | _       | _       |
| 38,466                                     | 33,946  | 17,818  | 14,757  | 10,638 | 6,402   | 3,881   |
| 90,787                                     | 56,841  | 39,023  | 24,266  | 13,628 | 7,226   | 3,345   |
| 129,253                                    | 90,787  | 56,841  | 39,023  | 24,266 | 13,628  | 7,226   |
|  |         |         |         |        |         |         |
|  |         |         |         |        |         |         |
| 2,343                                      | _       | 55      | _       | _      | _       | _       |
| 25,020                                     | 18,197  | 14,295  | 11,126  | 8,488  | 6,221   | 4,365   |
| _  | _       | _       | _       | _      | _       | _       |
| 11,645                                     | 8,958   | (180)   | 3,989   | 1,591  | 199     | 404     |
| (76)                                       | (90)    | _       | (61)    | (28)   | (30)    | _       |
| _  | _       | _       | _       | _      | _       | _       |
| (29)                                       | (20)    | (14)    | (9)     | (5)    | (3)     | (1)     |
| _  |         | _       |         |        | (3)     | 2       |
| 38,903                                     | 27,045  | 14,156  | 15,045  | 10,046 | 6,384   | 4,770   |
| 81,381                                     | 54,336  | 40,180  | 25,135  | 15,089 | 8,705   | 3,935   |
| 120,284                                    | 81,381  | 54,336  | 40,180  | 25,135 | 15,089  | 8,705   |
| 8,969                                      | 9,406   | 2,505   | (1,157) | (869)  | (1,461) | (1,479) |
| 93.1%                                      | 89.6%   | 95.6%   | 103.0%  | 103.6% | 110.7%  | 120.5%  |
| 188,667                                    | 156,778 | 123,439 | 98,113  | 74,834 | 53,276  | 35,019  |
| 4.8%                                       | 6.0%    | 2.0%    | (1.2)%  | (1.2)% | (2.7)%  | (4.2)%  |
|  |         |         |         | •      | •       |         |

Continued on page 108.

#### Schedule of Changes in the **Employers' Net Pension Liability** (Concluded)

| (in  | thou  | isan | ds) |
|------|-------|------|-----|
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|  | (III triousurus) |             |             |             |  |  |
|--|------------------|-------------|-------------|-------------|--|--|
| Total All Retirement Systems   |                  | 2023        | 2022        | 2021        |  |  |
| Total pension liability  |                  |             |             |             |  |  |
| Service cost   | \$               | 834,947     | 778,600     | 726,374     |  |  |
| Interest   |                  | 3,019,574   | 2,887,019   | 2,762,770   |  |  |
| Benefit changes  |                  | 800         | _           | _           |  |  |
| Differences between expected and actual experience                         |                  | 1,004,545   | 399,237     | 408,804     |  |  |
| Assumption changes   |                  | 587,532     | _           | 509,024     |  |  |
| Benefit payments   |                  | (2,214,269) | (2,091,063) | (1,978,593) |  |  |
| Refunds  |                  | (5,347)     | (5,108)     | (3,146)     |  |  |
| Net change in total pension liability                                      |                  | 3,227,782   | 1,968,685   | 2,425,233   |  |  |
| Total pension liability — beginning  |                  | 44,773,715  | 42,805,030  | 40,379,797  |  |  |
| Total pension liability — ending (a)                                       |                  | 48,001,497  | 44,773,715  | 42,805,030  |  |  |
| Plan fiduciary net position  |                  |             |             |             |  |  |
| Contributions — member   |                  | 42,997      | 44,511      | 43,421      |  |  |
| Contributions — employer   |                  | 1,549,133   | 1,419,856   | 1,318,085   |  |  |
| Court fees and fire insurance premium tax                                  |                  | 24,933      | 24,073      | 22,490      |  |  |
| Net investment income  |                  | 3,844,492   | (2,357,293) | 6,666,790   |  |  |
| Benefit payments   |                  | (2,214,269) | (2,091,063) | (1,978,593) |  |  |
| Refunds  |                  | (5,347)     | (5,108)     | (3,146)     |  |  |
| Administrative expense   |                  | (13,801)    | (13,194)    | (12,691)    |  |  |
| Net transfers with affiliated systems                                      |                  | _           | _           | _           |  |  |
| Net change in plan fiduciary net position                                  |                  | 3,228,138   | (2,978,218) | 6,056,356   |  |  |
| Plan fiduciary net position — beginning                                    |                  | 42,074,517  | 45,052,735  | 38,996,379  |  |  |
| Plan fiduciary net position — ending (b)                                   |                  | 45,302,655  | 42,074,517  | 45,052,735  |  |  |
| Net pension liability/(asset) — ending (a-b)                               | \$               | 2,698,842   | 2,699,198   | (2,247,705) |  |  |
| Plan fiduciary net position as a percentage of the total pension liability |                  | 94.4%       | 94.0%       | 105.3%      |  |  |
| Projected covered payroll  | \$               | 6,689,272   | 6,201,485   | 5,884,887   |  |  |
| Net pension liability/(asset) as a percentage of covered payroll           |                  | 40.3%       | 43.5%       | (38.2)%     |  |  |
| <del></del>  |                  |             |             |             |  |  |

|             |             |             |             |             | Total All Retirement Systems |             |
|-------------|-------------|-------------|-------------|-------------|------------------------------|-------------|
| 2020        | 2019        | 2018        | 2017        | 2016        | 2015                         | 2014        |
|             |             |             |             |             |                              |             |
| 695,603     | 670,791     | 642,590     | 616,373     | 604,021     | 567,368                      | 569,382     |
| 2,627,391   | 2,513,006   | 2,417,385   | 2,355,253   | 2,210,400   | 2,219,616                    | 2,121,357   |
| _           | 2,537       | _           | _           | 3,343       | _                            | _           |
| 339,224     | 271,987     | 24,714      | (120,133)   | (2,890)     | (233,574)                    | (269,582)   |
| 200,886     | _           | _           | 835,063     | 734,391     | _                            | (236,578)   |
| (1,875,007) | (1,764,328) | (1,670,644) | (1,575,533) | (1,497,989) | (1,423,762)                  | (1,325,556) |
| (4,356)     | (6,118)     | (4,797)     | (6,985)     | (6,715)     | (4,772)                      | (5,129)     |
| 1,983,741   | 1,687,875   | 1,409,248   | 2,104,038   | 2,044,561   | 1,124,876                    | 853,894     |
| 38,396,056  | 36,708,181  | 35,298,933  | 33,194,895  | 31,150,334  | 30,025,458                   | 29,171,564  |
| 40,379,797  | 38,396,056  | 36,708,181  | 35,298,933  | 33,194,895  | 31,150,334                   | 30,025,458  |
|             |             |             |             |             |                              |             |
| 20.742      | 22 227      | 26.212      | 20.212      | 20 207      | 40.071                       | 20.500      |
| 39,742      | 33,237      | 36,312      | 39,213      | 39,287      | 40,871                       | 38,500      |
| 1,247,787   | 1,198,341   | 1,139,051   | 1,112,998   | 1,073,225   | 1,035,724                    | 974,178     |
| 21,689      | 43,395      | 10,265      | 2,700       | 12,039      | 18,871                       | 15,640      |
| 4,380,371   | 4,446,363   | (116,768)   | 3,773,910   | 2,248,696   | 461,772                      | 1,786,431   |
| (1,875,007) | (1,764,328) | (1,670,644) | (1,575,533) | (1,497,989) | (1,423,762)                  | (1,325,556) |
| (4,356)     | (6,118)     | (4,797)     | (6,985)     | (6,715)     | (4,772)                      | (5,129)     |
| (12,402)    | (11,857)    | (12,515)    | (12,001)    | (11,067)    | (10,988)                     | (11,012)    |
| _           |             |             |             |             |                              | _           |
| 3,797,824   | 3,939,033   | (619,096)   | 3,334,302   | 1,857,476   | 117,716                      | 1,473,052   |
| 35,198,555  | 31,259,522  | 31,878,618  | 28,544,316  | 26,686,840  | 26,569,124                   | 25,096,072  |
| 38,996,379  | 35,198,555  | 31,259,522  | 31,878,618  | 28,544,316  | 26,686,840                   | 26,569,124  |
| 1,383,418   | 3,197,501   | 5,448,659   | 3,420,315   | 4,650,579   | 4,463,494                    | 3,456,334   |
| 96.6%       | 91.7%       | 85.2%       | 90.3%       | 86.0%       | 85.7%                        | 88.5%       |
| 5,609,104   | 5,373,167   | 5,146,312   | 4,998,694   | 4,839,495   | 4,714,627                    | 4,678,491   |
| 24.7%       | 59.5%       | 105.9%      | 68.4%       | 96.1%       | 94.7%                        | 73.9%       |