| SURVIVOR CURVE.. IOWA 100-R4 | | | | | | | | | | | | | | |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| NET SALVAGE PERCENT.. 0 | | | | | | | | | | | | | | |
|  | | | | | | | | | | | | | | |
| 1926 | 18,529.30 |  | 100.00 |  | 1.00 |  | 185.29 |  | 16.89 |  | 0.8311 |  | 15,400 |  |
| 1928 | 1,078.88 |  | 100.00 |  | 1.00 |  | 10.79 |  | 18.00 |  | 0.8200 |  | 885 |  |
| 1929 | 20,518.58 |  | 100.00 |  | 1.00 |  | 205.19 |  | 18.58 |  | 0.8142 |  | 16,706 |  |
| 1930 | 17,060.28 |  | 100.00 |  | 1.00 |  | 170.60 |  | 19.18 |  | 0.8082 |  | 13,788 |  |
| 1934 | 103.45 |  | 100.00 |  | 1.00 |  | 1.03 |  | 21.68 |  | 0.7832 |  | 81 |  |
| 1939 | 16,646.96 |  | 100.00 |  | 1.00 |  | 166.47 |  | 25.04 |  | 0.7496 |  | 12,479 |  |
| 1942 | 36,345.04 |  | 100.00 |  | 1.00 |  | 363.45 |  | 27.13 |  | 0.7287 |  | 26,485 |  |
| 1943 | 47,827.40 |  | 100.00 |  | 1.00 |  | 478.27 |  | 27.85 |  | 0.7215 |  | 34,507 |  |
| 1944 | 35,762.61 |  | 100.00 |  | 1.00 |  | 357.63 |  | 28.57 |  | 0.7143 |  | 25,545 |  |
| 1945 | 6,582.41 |  | 100.00 |  | 1.00 |  | 65.82 |  | 29.29 |  | 0.7071 |  | 4,654 |  |
| 1946 | 5,655.50 |  | 100.00 |  | 1.00 |  | 56.56 |  | 30.03 |  | 0.6997 |  | 3,957 |  |
| 1947 | 73,044.73 |  | 100.00 |  | 1.00 |  | 730.45 |  | 30.77 |  | 0.6923 |  | 50,569 |  |
| 1948 | 13,995.77 |  | 100.00 |  | 1.00 |  | 139.96 |  | 31.52 |  | 0.6848 |  | 9,584 |  |
| 1949 | 1,347.51 |  | 100.00 |  | 1.00 |  | 13.48 |  | 32.28 |  | 0.6772 |  | 913 |  |
| 1950 | 36,868.69 |  | 100.00 |  | 1.00 |  | 368.69 |  | 33.04 |  | 0.6696 |  | 24,687 |  |
| 1951 | 166,604.98 |  | 100.00 |  | 1.00 |  | 1,666.05 |  | 33.81 |  | 0.6619 |  | 110,276 |  |
| 1952 | 419,021.54 |  | 100.00 |  | 1.00 |  | 4,190.22 |  | 34.59 |  | 0.6541 |  | 274,082 |  |
| 1953 | 488,285.90 |  | 100.00 |  | 1.00 |  | 4,882.86 |  | 35.38 |  | 0.6462 |  | 315,530 |  |
| 1954 | 515,066.66 |  | 100.00 |  | 1.00 |  | 5,150.67 |  | 36.18 |  | 0.6382 |  | 328,716 |  |
| 1955 | 697,452.37 |  | 100.00 |  | 1.00 |  | 6,974.52 |  | 36.98 |  | 0.6302 |  | 439,534 |  |
| 1956 | 298,074.06 |  | 100.00 |  | 1.00 |  | 2,980.74 |  | 37.79 |  | 0.6221 |  | 185,432 |  |
| 1957 | 841,466.40 |  | 100.00 |  | 1.00 |  | 8,414.66 |  | 38.61 |  | 0.6139 |  | 516,576 |  |
| 1958 | 642,741.78 |  | 100.00 |  | 1.00 |  | 6,427.42 |  | 39.43 |  | 0.6057 |  | 389,309 |  |
| 1959 | 315,923.99 |  | 100.00 |  | 1.00 |  | 3,159.24 |  | 40.26 |  | 0.5974 |  | 188,733 |  |
| 1960 | 1,833,627.07 |  | 100.00 |  | 1.00 |  | 18,336.27 |  | 41.10 |  | 0.5890 |  | 1,080,006 |  |
| 1961 | 1,324,001.11 |  | 100.00 |  | 1.00 |  | 13,240.01 |  | 41.95 |  | 0.5805 |  | 768,583 |  |
| 1962 | 1,235,188.37 |  | 100.00 |  | 1.00 |  | 12,351.88 |  | 42.80 |  | 0.5720 |  | 706,528 |  |
| 1963 | 466,245.78 |  | 100.00 |  | 1.00 |  | 4,662.46 |  | 43.66 |  | 0.5634 |  | 262,683 |  |
| 1964 | 4,103,926.68 |  | 100.00 |  | 1.00 |  | 41,039.27 |  | 44.52 |  | 0.5548 |  | 2,276,859 |  |
| 1965 | 921,859.54 |  | 100.00 |  | 1.00 |  | 9,218.60 |  | 45.39 |  | 0.5461 |  | 503,427 |  |
| 1966 | 2,228,091.47 |  | 100.00 |  | 1.00 |  | 22,280.91 |  | 46.27 |  | 0.5373 |  | 1,197,154 |  |
| 1967 | 1,503,022.09 |  | 100.00 |  | 1.00 |  | 15,030.22 |  | 47.16 |  | 0.5284 |  | 794,197 |  |
| 1968 | 2,225,907.33 |  | 100.00 |  | 1.00 |  | 22,259.07 |  | 48.04 |  | 0.5196 |  | 1,156,581 |  |
| 1969 | 4,308,750.53 |  | 100.00 |  | 1.00 |  | 43,087.51 |  | 48.94 |  | 0.5106 |  | 2,200,048 |  |
| 1970 | 3,987,365.94 |  | 100.00 |  | 1.00 |  | 39,873.66 |  | 49.84 |  | 0.5016 |  | 2,000,063 |  |
| 1971 | 386,204.95 |  | 100.00 |  | 1.00 |  | 3,862.05 |  | 50.75 |  | 0.4925 |  | 190,206 |  |
| 1972 | 547,877.96 |  | 100.00 |  | 1.00 |  | 5,478.78 |  | 51.66 |  | 0.4834 |  | 264,844 |  |
| 1973 | 1,434,656.09 |  | 100.00 |  | 1.00 |  | 14,346.56 |  | 52.58 |  | 0.4742 |  | 680,314 |  |
| 1974 | 1,518,077.17 |  | 100.00 |  | 1.00 |  | 15,180.77 |  | 53.50 |  | 0.4650 |  | 705,906 |  |
| 1975 | 2,477,964.02 |  | 100.00 |  | 1.00 |  | 24,779.64 |  | 54.42 |  | 0.4558 |  | 1,129,456 |  |
| 1976 | 5,289,107.20 |  | 100.00 |  | 1.00 |  | 52,891.07 |  | 55.35 |  | 0.4465 |  | 2,361,586 |  |
| 1977 | 1,077,003.37 |  | 100.00 |  | 1.00 |  | 10,770.03 |  | 56.29 |  | 0.4371 |  | 470,758 |  |
| 1978 | 947,047.99 |  | 100.00 |  | 1.00 |  | 9,470.48 |  | 57.23 |  | 0.4277 |  | 405,052 |  |
| 1979 | 1,747,486.11 |  | 100.00 |  | 1.00 |  | 17,474.86 |  | 58.17 |  | 0.4183 |  | 730,973 |  |
| 1980 | 3,430,217.07 |  | 100.00 |  | 1.00 |  | 34,302.17 |  | 59.11 |  | 0.4089 |  | 1,402,616 |  |
| 1981 | 432,062.43 |  | 100.00 |  | 1.00 |  | 4,320.62 |  | 60.06 |  | 0.3994 |  | 172,566 |  |
| 1982 | 7,867,699.12 |  | 100.00 |  | 1.00 |  | 78,676.99 |  | 61.02 |  | 0.3898 |  | 3,066,829 |  |
| 1983 | 6,554,407.89 |  | 100.00 |  | 1.00 |  | 65,544.08 |  | 61.97 |  | 0.3803 |  | 2,492,641 |  |
| 1984 | 2,751,185.27 |  | 100.00 |  | 1.00 |  | 27,511.85 |  | 62.93 |  | 0.3707 |  | 1,019,864 |  |
| 1985 | 78,893.36 |  | 100.00 |  | 1.00 |  | 788.93 |  | 63.90 |  | 0.3610 |  | 28,481 |  |
| 1986 | 750.44 |  | 100.00 |  | 1.00 |  | 7.50 |  | 64.86 |  | 0.3514 |  | 264 |  |
| 1987 | 10,027,506.10 |  | 100.00 |  | 1.00 |  | 100,275.06 |  | 65.83 |  | 0.3417 |  | 3,426,399 |  |
| 1988 | 2,404,991.94 |  | 100.00 |  | 1.00 |  | 24,049.92 |  | 66.80 |  | 0.3320 |  | 798,457 |  |
| 1989 | 2,672,536.65 |  | 100.00 |  | 1.00 |  | 26,725.37 |  | 67.77 |  | 0.3223 |  | 861,359 |  |
| 1990 | 13,415,900.80 |  | 100.00 |  | 1.00 |  | 134,159.01 |  | 68.75 |  | 0.3125 |  | 4,192,469 |  |
| 1991 | 59,669.11 |  | 100.00 |  | 1.00 |  | 596.69 |  | 69.72 |  | 0.3028 |  | 18,068 |  |
| 1992 | 5,261,976.27 |  | 100.00 |  | 1.00 |  | 52,619.76 |  | 70.70 |  | 0.2930 |  | 1,541,759 |  |
| 1993 | 6,314,639.80 |  | 100.00 |  | 1.00 |  | 63,146.40 |  | 71.68 |  | 0.2832 |  | 1,788,306 |  |
| 1994 | 4,778,720.56 |  | 100.00 |  | 1.00 |  | 47,787.21 |  | 72.66 |  | 0.2734 |  | 1,306,502 |  |
| 1995 | 3,395,726.56 |  | 100.00 |  | 1.00 |  | 33,957.27 |  | 73.65 |  | 0.2635 |  | 894,774 |  |
| 1996 | 9,759,838.38 |  | 100.00 |  | 1.00 |  | 97,598.38 |  | 74.63 |  | 0.2537 |  | 2,476,071 |  |
| 1997 | 3,712,733.26 |  | 100.00 |  | 1.00 |  | 37,127.33 |  | 75.62 |  | 0.2438 |  | 905,164 |  |
| 1998 | 340,743.26 |  | 100.00 |  | 1.00 |  | 3,407.43 |  | 76.60 |  | 0.2340 |  | 79,734 |  |
| 1999 | 1,919,445.10 |  | 100.00 |  | 1.00 |  | 19,194.45 |  | 77.59 |  | 0.2241 |  | 430,148 |  |
| 2000 | 3,743,782.75 |  | 100.00 |  | 1.00 |  | 37,437.83 |  | 78.58 |  | 0.2142 |  | 801,918 |  |
| 2001 | 1,068,740.73 |  | 100.00 |  | 1.00 |  | 10,687.41 |  | 79.57 |  | 0.2043 |  | 218,344 |  |
| 2002 | 3,534,837.63 |  | 100.00 |  | 1.00 |  | 35,348.38 |  | 80.56 |  | 0.1944 |  | 687,172 |  |
| 2003 | 1,930,266.99 |  | 100.00 |  | 1.00 |  | 19,302.67 |  | 81.56 |  | 0.1844 |  | 355,941 |  |
| 2004 | 2,270,915.55 |  | 100.00 |  | 1.00 |  | 22,709.16 |  | 82.55 |  | 0.1745 |  | 396,275 |  |
| 2005 | 2,744,844.13 |  | 100.00 |  | 1.00 |  | 27,448.44 |  | 83.54 |  | 0.1646 |  | 451,801 |  |
| 2006 | 8,696,107.88 |  | 100.00 |  | 1.00 |  | 86,961.08 |  | 84.54 |  | 0.1546 |  | 1,344,418 |  |
| 2007 | 20,707,767.63 |  | 100.00 |  | 1.00 |  | 207,077.68 |  | 85.53 |  | 0.1447 |  | 2,996,414 |  |
| 2008 | 20,884,985.17 |  | 100.00 |  | 1.00 |  | 208,849.85 |  | 86.53 |  | 0.1347 |  | 2,813,208 |  |
| 2009 | 776,095.83 |  | 100.00 |  | 1.00 |  | 7,760.96 |  | 87.52 |  | 0.1248 |  | 96,857 |  |
| 2010 | 1,266,002.99 |  | 100.00 |  | 1.00 |  | 12,660.03 |  | 88.52 |  | 0.1148 |  | 145,337 |  |
| 2011 | 91,262.00 |  | 100.00 |  | 1.00 |  | 912.62 |  | 89.52 |  | 0.1048 |  | 9,564 |  |
| 2012 | 48,735.72 |  | 100.00 |  | 1.00 |  | 487.36 |  | 90.51 |  | 0.0949 |  | 4,625 |  |
| 2013 | 2,961,260.94 |  | 100.00 |  | 1.00 |  | 29,612.61 |  | 91.51 |  | 0.0849 |  | 251,411 |  |
| 2014 | 49,399.93 |  | 100.00 |  | 1.00 |  | 494.00 |  | 92.51 |  | 0.0749 |  | 3,700 |  |
| 2015 | 29,708.15 |  | 100.00 |  | 1.00 |  | 297.08 |  | 93.51 |  | 0.0649 |  | 1,928 |  |
| 2016 | 5,211,367.79 |  | 100.00 |  | 1.00 |  | 52,113.68 |  | 94.51 |  | 0.0549 |  | 286,104 |  |
| 2017 | 3,572,222.27 |  | 100.00 |  | 1.00 |  | 35,722.22 |  | 95.50 |  | 0.0450 |  | 160,750 |  |
| 2018 | 3,176,903.12 |  | 100.00 |  | 1.00 |  | 31,769.03 |  | 96.50 |  | 0.0350 |  | 111,192 |  |
| 2019 | 18,665,241.12 |  | 100.00 |  | 1.00 |  | 186,652.41 |  | 97.50 |  | 0.0250 |  | 466,631 |  |
| 2020 | 7,996,250.38 |  | 100.00 |  | 1.00 |  | 79,962.50 |  | 98.50 |  | 0.0150 |  | 119,944 |  |
| 2021 | 32,516,816.23 |  | 100.00 |  | 1.00 |  | 325,168.16 |  | 99.50 |  | 0.0050 |  | 162,584 |  |
|  | | | | | | | | | | | | | | |
|  | 271,402,573.86 |  |  | | | | 2,714,025.74 |  |  | | | | 61,662,241 |  |
|  | | | | | | | | | | | | | | |
|  | COMPOSITE ANNUAL ACCRUAL RATE, PERCENT .. 1.00 | | | | | | | | | | |  | | |

| SURVIVOR CURVE.. IOWA 44-L1 | | | | | | | | | | | | | | |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| NET SALVAGE PERCENT.. 0 | | | | | | | | | | | | | | |
|  | | | | | | | | | | | | | | |
| 1941 | 32,226.54 |  | 44.00 |  | 2.27 |  | 731.54 |  | 11.05 |  | 0.7489 |  | 24,133 |  |
| 1942 | 2,615.19 |  | 44.00 |  | 2.27 |  | 59.36 |  | 11.27 |  | 0.7439 |  | 1,945 |  |
| 1943 | 10.88 |  | 44.00 |  | 2.27 |  | 0.25 |  | 11.49 |  | 0.7389 |  | 8 |  |
| 1944 | 3,396.09 |  | 44.00 |  | 2.27 |  | 77.09 |  | 11.71 |  | 0.7339 |  | 2,492 |  |
| 1945 | 31,685.11 |  | 44.00 |  | 2.27 |  | 719.25 |  | 11.94 |  | 0.7286 |  | 23,087 |  |
| 1947 | 3,220.03 |  | 44.00 |  | 2.27 |  | 73.09 |  | 12.40 |  | 0.7182 |  | 2,313 |  |
| 1948 | 66,459.11 |  | 44.00 |  | 2.27 |  | 1,508.62 |  | 12.63 |  | 0.7130 |  | 47,382 |  |
| 1949 | 81,496.34 |  | 44.00 |  | 2.27 |  | 1,849.97 |  | 12.86 |  | 0.7077 |  | 57,677 |  |
| 1950 | 172,336.66 |  | 44.00 |  | 2.27 |  | 3,912.04 |  | 13.10 |  | 0.7023 |  | 121,027 |  |
| 1951 | 52,433.86 |  | 44.00 |  | 2.27 |  | 1,190.25 |  | 13.34 |  | 0.6968 |  | 36,537 |  |
| 1952 | 469,664.75 |  | 44.00 |  | 2.27 |  | 10,661.39 |  | 13.58 |  | 0.6914 |  | 324,707 |  |
| 1953 | 289,929.47 |  | 44.00 |  | 2.27 |  | 6,581.40 |  | 13.82 |  | 0.6859 |  | 198,866 |  |
| 1954 | 752,356.21 |  | 44.00 |  | 2.27 |  | 17,078.49 |  | 14.07 |  | 0.6802 |  | 511,775 |  |
| 1955 | 634,111.41 |  | 44.00 |  | 2.27 |  | 14,394.33 |  | 14.31 |  | 0.6748 |  | 427,879 |  |
| 1956 | 122,719.93 |  | 44.00 |  | 2.27 |  | 2,785.74 |  | 14.56 |  | 0.6691 |  | 82,111 |  |
| 1957 | 1,130,039.52 |  | 44.00 |  | 2.27 |  | 25,651.90 |  | 14.81 |  | 0.6634 |  | 749,680 |  |
| 1958 | 1,353,230.62 |  | 44.00 |  | 2.27 |  | 30,718.34 |  | 15.07 |  | 0.6575 |  | 889,749 |  |
| 1959 | 400,363.33 |  | 44.00 |  | 2.27 |  | 9,088.25 |  | 15.33 |  | 0.6516 |  | 260,873 |  |
| 1960 | 465,530.49 |  | 44.00 |  | 2.27 |  | 10,567.54 |  | 15.59 |  | 0.6457 |  | 300,584 |  |
| 1961 | 856,430.09 |  | 44.00 |  | 2.27 |  | 19,440.96 |  | 15.85 |  | 0.6398 |  | 547,918 |  |
| 1962 | 2,501,084.70 |  | 44.00 |  | 2.27 |  | 56,774.62 |  | 16.11 |  | 0.6339 |  | 1,585,338 |  |
| 1963 | 634,020.17 |  | 44.00 |  | 2.27 |  | 14,392.26 |  | 16.38 |  | 0.6277 |  | 397,993 |  |
| 1964 | 1,458,145.54 |  | 44.00 |  | 2.27 |  | 33,099.90 |  | 16.65 |  | 0.6216 |  | 906,369 |  |
| 1965 | 3,716,368.80 |  | 44.00 |  | 2.27 |  | 84,361.57 |  | 16.93 |  | 0.6152 |  | 2,286,422 |  |
| 1966 | 6,022,446.54 |  | 44.00 |  | 2.27 |  | 136,709.54 |  | 17.20 |  | 0.6091 |  | 3,668,212 |  |
| 1967 | 2,015,614.90 |  | 44.00 |  | 2.27 |  | 45,754.46 |  | 17.48 |  | 0.6027 |  | 1,214,872 |  |
| 1968 | 4,463,502.33 |  | 44.00 |  | 2.27 |  | 101,321.50 |  | 17.76 |  | 0.5964 |  | 2,661,854 |  |
| 1969 | 465,415.60 |  | 44.00 |  | 2.27 |  | 10,564.93 |  | 18.05 |  | 0.5898 |  | 274,488 |  |
| 1970 | 3,628,361.09 |  | 44.00 |  | 2.27 |  | 82,363.80 |  | 18.34 |  | 0.5832 |  | 2,115,988 |  |
| 1971 | 3,626,675.71 |  | 44.00 |  | 2.27 |  | 82,325.54 |  | 18.63 |  | 0.5766 |  | 2,091,105 |  |
| 1972 | 4,038,603.44 |  | 44.00 |  | 2.27 |  | 91,676.30 |  | 18.92 |  | 0.5700 |  | 2,302,004 |  |
| 1973 | 4,774,652.59 |  | 44.00 |  | 2.27 |  | 108,384.61 |  | 19.22 |  | 0.5632 |  | 2,688,989 |  |
| 1974 | 2,703,932.15 |  | 44.00 |  | 2.27 |  | 61,379.26 |  | 19.52 |  | 0.5564 |  | 1,504,360 |  |
| 1975 | 2,254,639.49 |  | 44.00 |  | 2.27 |  | 51,180.32 |  | 19.83 |  | 0.5493 |  | 1,238,519 |  |
| 1976 | 8,864,885.49 |  | 44.00 |  | 2.27 |  | 201,232.90 |  | 20.14 |  | 0.5423 |  | 4,807,161 |  |
| 1977 | 15,685,075.27 |  | 44.00 |  | 2.27 |  | 356,051.21 |  | 20.45 |  | 0.5352 |  | 8,395,123 |  |
| 1978 | 3,847,432.21 |  | 44.00 |  | 2.27 |  | 87,336.71 |  | 20.76 |  | 0.5282 |  | 2,032,137 |  |
| 1979 | 14,017,414.67 |  | 44.00 |  | 2.27 |  | 318,195.31 |  | 21.08 |  | 0.5209 |  | 7,301,811 |  |
| 1980 | 26,232,061.62 |  | 44.00 |  | 2.27 |  | 595,467.80 |  | 21.40 |  | 0.5136 |  | 13,473,836 |  |
| 1981 | 9,714,427.55 |  | 44.00 |  | 2.27 |  | 220,517.51 |  | 21.73 |  | 0.5061 |  | 4,916,860 |  |
| 1982 | 10,891,334.27 |  | 44.00 |  | 2.27 |  | 247,233.29 |  | 22.06 |  | 0.4986 |  | 5,430,855 |  |
| 1983 | 1,848,058.48 |  | 44.00 |  | 2.27 |  | 41,950.93 |  | 22.39 |  | 0.4911 |  | 907,655 |  |
| 1984 | 1,882,097.40 |  | 44.00 |  | 2.27 |  | 42,723.61 |  | 22.73 |  | 0.4834 |  | 909,825 |  |
| 1985 | 4,991,003.81 |  | 44.00 |  | 2.27 |  | 113,295.79 |  | 23.08 |  | 0.4755 |  | 2,372,973 |  |
| 1986 | 6,388,906.90 |  | 44.00 |  | 2.27 |  | 145,028.19 |  | 23.42 |  | 0.4677 |  | 2,988,283 |  |
| 1987 | 23,953,525.83 |  | 44.00 |  | 2.27 |  | 543,745.04 |  | 23.77 |  | 0.4598 |  | 11,013,113 |  |
| 1988 | 17,777,735.29 |  | 44.00 |  | 2.27 |  | 403,554.59 |  | 24.13 |  | 0.4516 |  | 8,028,247 |  |
| 1989 | 13,506,011.95 |  | 44.00 |  | 2.27 |  | 306,586.47 |  | 24.49 |  | 0.4434 |  | 5,988,701 |  |
| 1990 | 19,026,053.14 |  | 44.00 |  | 2.27 |  | 431,891.41 |  | 24.85 |  | 0.4352 |  | 8,280,709 |  |
| 1991 | 25,563,047.29 |  | 44.00 |  | 2.27 |  | 580,281.17 |  | 25.22 |  | 0.4268 |  | 10,910,820 |  |
| 1992 | 28,354,407.97 |  | 44.00 |  | 2.27 |  | 643,645.06 |  | 25.59 |  | 0.4184 |  | 11,863,768 |  |
| 1993 | 43,207,710.56 |  | 44.00 |  | 2.27 |  | 980,815.03 |  | 25.97 |  | 0.4098 |  | 17,705,224 |  |
| 1994 | 25,751,791.87 |  | 44.00 |  | 2.27 |  | 584,565.68 |  | 26.35 |  | 0.4011 |  | 10,330,074 |  |
| 1995 | 15,401,446.12 |  | 44.00 |  | 2.27 |  | 349,612.83 |  | 26.74 |  | 0.3923 |  | 6,041,525 |  |
| 1996 | 9,640,190.58 |  | 44.00 |  | 2.27 |  | 218,832.33 |  | 27.13 |  | 0.3834 |  | 3,696,145 |  |
| 1997 | 15,790,302.03 |  | 44.00 |  | 2.27 |  | 358,439.86 |  | 27.53 |  | 0.3743 |  | 5,910,626 |  |
| 1998 | 9,105,640.69 |  | 44.00 |  | 2.27 |  | 206,698.04 |  | 27.94 |  | 0.3650 |  | 3,323,559 |  |
| 1999 | 19,865,400.52 |  | 44.00 |  | 2.27 |  | 450,944.59 |  | 28.37 |  | 0.3552 |  | 7,056,786 |  |
| 2000 | 24,472,780.32 |  | 44.00 |  | 2.27 |  | 555,532.11 |  | 28.81 |  | 0.3452 |  | 8,448,738 |  |
| 2001 | 40,862,549.70 |  | 44.00 |  | 2.27 |  | 927,579.88 |  | 29.27 |  | 0.3348 |  | 13,679,556 |  |
| 2002 | 34,570,811.45 |  | 44.00 |  | 2.27 |  | 784,757.42 |  | 29.74 |  | 0.3241 |  | 11,204,054 |  |
| 2003 | 50,373,561.06 |  | 44.00 |  | 2.27 |  | 1,143,479.84 |  | 30.24 |  | 0.3127 |  | 15,753,324 |  |
| 2004 | 32,419,795.38 |  | 44.00 |  | 2.27 |  | 735,929.36 |  | 30.77 |  | 0.3007 |  | 9,747,984 |  |
| 2005 | 65,224,399.14 |  | 44.00 |  | 2.27 |  | 1,480,593.86 |  | 31.31 |  | 0.2884 |  | 18,811,369 |  |
| 2006 | 48,362,598.36 |  | 44.00 |  | 2.27 |  | 1,097,830.98 |  | 31.88 |  | 0.2755 |  | 13,321,478 |  |
| 2007 | 62,548,444.22 |  | 44.00 |  | 2.27 |  | 1,419,849.68 |  | 32.48 |  | 0.2618 |  | 16,376,434 |  |
| 2008 | 71,012,038.32 |  | 44.00 |  | 2.27 |  | 1,611,973.27 |  | 33.10 |  | 0.2477 |  | 17,591,812 |  |
| 2009 | 78,860,486.00 |  | 44.00 |  | 2.27 |  | 1,790,133.03 |  | 33.75 |  | 0.2330 |  | 18,370,550 |  |
| 2010 | 64,783,883.25 |  | 44.00 |  | 2.27 |  | 1,470,594.15 |  | 34.43 |  | 0.2175 |  | 14,090,495 |  |
| 2011 | 105,395,958.96 |  | 44.00 |  | 2.27 |  | 2,392,488.27 |  | 35.14 |  | 0.2014 |  | 21,222,530 |  |
| 2012 | 79,247,001.15 |  | 44.00 |  | 2.27 |  | 1,798,906.93 |  | 35.87 |  | 0.1848 |  | 14,642,468 |  |
| 2013 | 99,473,736.75 |  | 44.00 |  | 2.27 |  | 2,258,053.82 |  | 36.63 |  | 0.1675 |  | 16,661,851 |  |
| 2014 | 107,949,176.05 |  | 44.00 |  | 2.27 |  | 2,450,446.30 |  | 37.41 |  | 0.1498 |  | 16,167,548 |  |
| 2015 | 184,446,188.25 |  | 44.00 |  | 2.27 |  | 4,186,928.47 |  | 38.22 |  | 0.1314 |  | 24,228,851 |  |
| 2016 | 125,391,916.26 |  | 44.00 |  | 2.27 |  | 2,846,396.50 |  | 39.05 |  | 0.1125 |  | 14,106,591 |  |
| 2017 | 139,793,389.71 |  | 44.00 |  | 2.27 |  | 3,173,309.95 |  | 39.91 |  | 0.0930 |  | 12,993,796 |  |
| 2018 | 210,833,707.09 |  | 44.00 |  | 2.27 |  | 4,785,925.15 |  | 40.79 |  | 0.0730 |  | 15,380,319 |  |
| 2019 | 238,895,699.57 |  | 44.00 |  | 2.27 |  | 5,422,932.38 |  | 41.68 |  | 0.0527 |  | 12,596,970 |  |
| 2020 | 267,734,856.04 |  | 44.00 |  | 2.27 |  | 6,077,581.23 |  | 42.60 |  | 0.0318 |  | 8,519,323 |  |
| 2021 | 375,714,776.45 |  | 44.00 |  | 2.27 |  | 8,528,725.43 |  | 43.53 |  | 0.0107 |  | 4,012,634 |  |
|  | | | | | | | | | | | | | | |
|  | 2,928,897,433.67 |  |  | | | | 66,485,971.77 |  |  | | | | 511,161,747 |  |
|  | | | | | | | | | | | | | | |
|  | COMPOSITE ANNUAL ACCRUAL RATE, PERCENT .. 2.27 | | | | | | | | | | |  | | |

| SURVIVOR CURVE.. IOWA 38-R1 | | | | | | | | | | | | | | |
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| NET SALVAGE PERCENT.. 0 | | | | | | | | | | | | | | |
|  | | | | | | | | | | | | | | |
| 1962 | 14,702.53 |  | 38.00 |  | 2.63 |  | 386.68 |  | 5.34 |  | 0.8595 |  | 12,636 |  |
| 1974 | 438,092.20 |  | 38.00 |  | 2.63 |  | 11,521.82 |  | 9.72 |  | 0.7442 |  | 326,033 |  |
| 1975 | 1,509,680.86 |  | 38.00 |  | 2.63 |  | 39,704.61 |  | 10.13 |  | 0.7334 |  | 1,107,230 |  |
| 1976 | 695,547.89 |  | 38.00 |  | 2.63 |  | 18,292.91 |  | 10.55 |  | 0.7224 |  | 502,443 |  |
| 1981 | 1,286,887.04 |  | 38.00 |  | 2.63 |  | 33,845.13 |  | 12.77 |  | 0.6640 |  | 854,429 |  |
| 1982 | 132,663.80 |  | 38.00 |  | 2.63 |  | 3,489.06 |  | 13.24 |  | 0.6516 |  | 86,441 |  |
| 1988 | 2,228,765.21 |  | 38.00 |  | 2.63 |  | 58,616.53 |  | 16.23 |  | 0.5729 |  | 1,276,837 |  |
| 1990 | 2,936,065.46 |  | 38.00 |  | 2.63 |  | 77,218.52 |  | 17.31 |  | 0.5445 |  | 1,598,600 |  |
| 1991 | 808,360.07 |  | 38.00 |  | 2.63 |  | 21,259.87 |  | 17.86 |  | 0.5300 |  | 428,431 |  |
| 1992 | 5,360,126.10 |  | 38.00 |  | 2.63 |  | 140,971.32 |  | 18.42 |  | 0.5153 |  | 2,761,859 |  |
| 1993 | 8,800,888.30 |  | 38.00 |  | 2.63 |  | 231,463.36 |  | 18.98 |  | 0.5005 |  | 4,405,109 |  |
| 1996 | 4,577,357.46 |  | 38.00 |  | 2.63 |  | 120,384.50 |  | 20.74 |  | 0.4542 |  | 2,079,082 |  |
| 1997 | 3,170,339.84 |  | 38.00 |  | 2.63 |  | 83,379.94 |  | 21.34 |  | 0.4384 |  | 1,389,940 |  |
| 1998 | 636,932.41 |  | 38.00 |  | 2.63 |  | 16,751.32 |  | 21.96 |  | 0.4221 |  | 268,856 |  |
| 1999 | 5,975,477.20 |  | 38.00 |  | 2.63 |  | 157,155.05 |  | 22.58 |  | 0.4058 |  | 2,424,789 |  |
| 2000 | 8,695,023.99 |  | 38.00 |  | 2.63 |  | 228,679.13 |  | 23.20 |  | 0.3895 |  | 3,386,451 |  |
| 2001 | 17,654,435.93 |  | 38.00 |  | 2.63 |  | 464,311.66 |  | 23.84 |  | 0.3726 |  | 6,578,572 |  |
| 2002 | 3,081,748.79 |  | 38.00 |  | 2.63 |  | 81,049.99 |  | 24.48 |  | 0.3558 |  | 1,096,455 |  |
| 2003 | 3,339,051.39 |  | 38.00 |  | 2.63 |  | 87,817.05 |  | 25.13 |  | 0.3387 |  | 1,130,870 |  |
| 2004 | 10,023,931.63 |  | 38.00 |  | 2.63 |  | 263,629.40 |  | 25.78 |  | 0.3216 |  | 3,223,496 |  |
| 2005 | 5,581,445.14 |  | 38.00 |  | 2.63 |  | 146,792.01 |  | 26.44 |  | 0.3042 |  | 1,697,931 |  |
| 2006 | 8,994,459.72 |  | 38.00 |  | 2.63 |  | 236,554.29 |  | 27.11 |  | 0.2866 |  | 2,577,632 |  |
| 2007 | 757,819.49 |  | 38.00 |  | 2.63 |  | 19,930.65 |  | 27.78 |  | 0.2690 |  | 203,816 |  |
| 2008 | 7,480,819.72 |  | 38.00 |  | 2.63 |  | 196,745.56 |  | 28.45 |  | 0.2513 |  | 1,880,080 |  |
| 2009 | 61,660,104.94 |  | 38.00 |  | 2.63 |  | 1,621,660.76 |  | 29.13 |  | 0.2334 |  | 14,392,702 |  |
| 2010 | 4,761,411.31 |  | 38.00 |  | 2.63 |  | 125,225.12 |  | 29.81 |  | 0.2155 |  | 1,026,227 |  |
| 2011 | 57,700,002.76 |  | 38.00 |  | 2.63 |  | 1,517,510.07 |  | 30.50 |  | 0.1974 |  | 11,388,250 |  |
| 2012 | 32,350,436.63 |  | 38.00 |  | 2.63 |  | 850,816.48 |  | 31.19 |  | 0.1792 |  | 5,797,522 |  |
| 2013 | 14,324,899.77 |  | 38.00 |  | 2.63 |  | 376,744.86 |  | 31.89 |  | 0.1608 |  | 2,303,301 |  |
| 2014 | 24,731,946.97 |  | 38.00 |  | 2.63 |  | 650,450.21 |  | 32.59 |  | 0.1424 |  | 3,521,087 |  |
| 2015 | 5,552,266.71 |  | 38.00 |  | 2.63 |  | 146,024.61 |  | 33.29 |  | 0.1240 |  | 688,203 |  |
| 2016 | 34,578,410.16 |  | 38.00 |  | 2.63 |  | 909,412.19 |  | 34.00 |  | 0.1053 |  | 3,639,723 |  |
| 2017 | 6,279,753.49 |  | 38.00 |  | 2.63 |  | 165,157.52 |  | 34.71 |  | 0.0866 |  | 543,701 |  |
| 2018 | 19,785,500.96 |  | 38.00 |  | 2.63 |  | 520,358.68 |  | 35.43 |  | 0.0676 |  | 1,338,093 |  |
| 2019 | 29,308,838.15 |  | 38.00 |  | 2.63 |  | 770,822.44 |  | 36.16 |  | 0.0484 |  | 1,419,134 |  |
| 2020 | 31,175,692.12 |  | 38.00 |  | 2.63 |  | 819,920.70 |  | 36.89 |  | 0.0292 |  | 910,642 |  |
| 2021 | 56,698,398.16 |  | 38.00 |  | 2.63 |  | 1,491,167.87 |  | 37.63 |  | 0.0097 |  | 552,242 |  |
|  | | | | | | | | | | | | | | |
|  | 483,088,284.30 |  |  | | | | 12,705,221.87 |  |  | | | | 88,818,845 |  |
|  | | | | | | | | | | | | | | |
|  | COMPOSITE ANNUAL ACCRUAL RATE, PERCENT .. 2.63 | | | | | | | | | | |  | | |

| SURVIVOR CURVE.. IOWA 70-R4 | | | | | | | | | | | | | | |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| NET SALVAGE PERCENT.. -15 | | | | | | | | | | | | | | |
|  | | | | | | | | | | | | | | |
| 1943 | 80.90 |  | 70.00 |  | 1.43 |  | 1.33 |  | 6.99 |  | 0.9001 |  | 84 |  |
| 1949 | 187.96 |  | 70.00 |  | 1.43 |  | 3.09 |  | 9.15 |  | 0.8693 |  | 188 |  |
| 1952 | 18,740.45 |  | 70.00 |  | 1.43 |  | 308.19 |  | 10.48 |  | 0.8503 |  | 18,325 |  |
| 1958 | 343,485.78 |  | 70.00 |  | 1.43 |  | 5,648.62 |  | 13.76 |  | 0.8034 |  | 317,362 |  |
| 1959 | 516.23 |  | 70.00 |  | 1.43 |  | 8.49 |  | 14.38 |  | 0.7946 |  | 472 |  |
| 1960 | 1,042,354.09 |  | 70.00 |  | 1.43 |  | 17,141.51 |  | 15.02 |  | 0.7854 |  | 941,501 |  |
| 1962 | 56,563.27 |  | 70.00 |  | 1.43 |  | 930.18 |  | 16.33 |  | 0.7667 |  | 49,873 |  |
| 1963 | 311,435.87 |  | 70.00 |  | 1.43 |  | 5,121.56 |  | 17.01 |  | 0.7570 |  | 271,120 |  |
| 1964 | 400,908.17 |  | 70.00 |  | 1.43 |  | 6,592.93 |  | 17.70 |  | 0.7471 |  | 344,465 |  |
| 1965 | 43.24 |  | 70.00 |  | 1.43 |  | 0.71 |  | 18.39 |  | 0.7373 |  | 37 |  |
| 1966 | 861,759.14 |  | 70.00 |  | 1.43 |  | 14,171.63 |  | 19.10 |  | 0.7271 |  | 720,612 |  |
| 1967 | 1,547,165.49 |  | 70.00 |  | 1.43 |  | 25,443.14 |  | 19.81 |  | 0.7170 |  | 1,275,715 |  |
| 1968 | 1,034,740.76 |  | 70.00 |  | 1.43 |  | 17,016.31 |  | 20.54 |  | 0.7066 |  | 840,784 |  |
| 1970 | 66,456.09 |  | 70.00 |  | 1.43 |  | 1,092.87 |  | 22.03 |  | 0.6853 |  | 52,373 |  |
| 1971 | 1,279,761.32 |  | 70.00 |  | 1.43 |  | 21,045.67 |  | 22.78 |  | 0.6746 |  | 992,782 |  |
| 1972 | 226,598.40 |  | 70.00 |  | 1.43 |  | 3,726.41 |  | 23.55 |  | 0.6636 |  | 172,918 |  |
| 1973 | 1,393,995.76 |  | 70.00 |  | 1.43 |  | 22,924.26 |  | 24.33 |  | 0.6524 |  | 1,045,907 |  |
| 1974 | 8,543,139.81 |  | 70.00 |  | 1.43 |  | 140,491.93 |  | 25.12 |  | 0.6411 |  | 6,298,951 |  |
| 1975 | 1,682,382.73 |  | 70.00 |  | 1.43 |  | 27,666.78 |  | 25.93 |  | 0.6296 |  | 1,218,054 |  |
| 1976 | 100,184.72 |  | 70.00 |  | 1.43 |  | 1,647.54 |  | 26.74 |  | 0.6180 |  | 71,201 |  |
| 1977 | 2,042,501.27 |  | 70.00 |  | 1.43 |  | 33,588.93 |  | 27.56 |  | 0.6063 |  | 1,424,100 |  |
| 1978 | 21,811.31 |  | 70.00 |  | 1.43 |  | 358.69 |  | 28.39 |  | 0.5944 |  | 14,910 |  |
| 1979 | 245,162.54 |  | 70.00 |  | 1.43 |  | 4,031.70 |  | 29.23 |  | 0.5824 |  | 164,209 |  |
| 1980 | 788,925.77 |  | 70.00 |  | 1.43 |  | 12,973.88 |  | 30.09 |  | 0.5701 |  | 517,268 |  |
| 1981 | 87,957.68 |  | 70.00 |  | 1.43 |  | 1,446.46 |  | 30.95 |  | 0.5579 |  | 56,428 |  |
| 1982 | 64,440.83 |  | 70.00 |  | 1.43 |  | 1,059.73 |  | 31.82 |  | 0.5454 |  | 40,420 |  |
| 1983 | 91,857.13 |  | 70.00 |  | 1.43 |  | 1,510.59 |  | 32.70 |  | 0.5329 |  | 56,289 |  |
| 1984 | 4,689,305.51 |  | 70.00 |  | 1.43 |  | 77,115.63 |  | 33.59 |  | 0.5201 |  | 2,804,960 |  |
| 1985 | 1,546,335.40 |  | 70.00 |  | 1.43 |  | 25,429.49 |  | 34.48 |  | 0.5074 |  | 902,356 |  |
| 1986 | 34,214.99 |  | 70.00 |  | 1.43 |  | 562.67 |  | 35.39 |  | 0.4944 |  | 19,454 |  |
| 1987 | 127,899.76 |  | 70.00 |  | 1.43 |  | 2,103.31 |  | 36.30 |  | 0.4814 |  | 70,811 |  |
| 1988 | 127,478.61 |  | 70.00 |  | 1.43 |  | 2,096.39 |  | 37.22 |  | 0.4683 |  | 68,652 |  |
| 1989 | 15,913.37 |  | 70.00 |  | 1.43 |  | 261.70 |  | 38.14 |  | 0.4551 |  | 8,329 |  |
| 1990 | 4,176.70 |  | 70.00 |  | 1.43 |  | 68.69 |  | 39.07 |  | 0.4419 |  | 2,122 |  |
| 1992 | 1,568.68 |  | 70.00 |  | 1.43 |  | 25.80 |  | 40.95 |  | 0.4150 |  | 749 |  |
| 1993 | 386,912.29 |  | 70.00 |  | 1.43 |  | 6,362.77 |  | 41.90 |  | 0.4014 |  | 178,616 |  |
| 1994 | 163,950.89 |  | 70.00 |  | 1.43 |  | 2,696.17 |  | 42.86 |  | 0.3877 |  | 73,100 |  |
| 1996 | 202,598.56 |  | 70.00 |  | 1.43 |  | 3,331.73 |  | 44.78 |  | 0.3603 |  | 83,943 |  |
| 1997 | 931.06 |  | 70.00 |  | 1.43 |  | 15.31 |  | 45.74 |  | 0.3466 |  | 371 |  |
| 1998 | 61,257.60 |  | 70.00 |  | 1.43 |  | 1,007.38 |  | 46.71 |  | 0.3327 |  | 23,438 |  |
| 2000 | 1,680,892.28 |  | 70.00 |  | 1.43 |  | 27,642.27 |  | 48.66 |  | 0.3049 |  | 589,302 |  |
| 2001 | 3,248,268.45 |  | 70.00 |  | 1.43 |  | 53,417.77 |  | 49.64 |  | 0.2909 |  | 1,086,510 |  |
| 2002 | 1,669,039.44 |  | 70.00 |  | 1.43 |  | 27,447.35 |  | 50.62 |  | 0.2769 |  | 531,404 |  |
| 2003 | 2,555,254.11 |  | 70.00 |  | 1.43 |  | 42,021.15 |  | 51.60 |  | 0.2629 |  | 772,425 |  |
| 2004 | 2,277,908.87 |  | 70.00 |  | 1.43 |  | 37,460.21 |  | 52.59 |  | 0.2487 |  | 651,520 |  |
| 2005 | 46,173.05 |  | 70.00 |  | 1.43 |  | 759.32 |  | 53.57 |  | 0.2347 |  | 12,463 |  |
| 2006 | 445,320.36 |  | 70.00 |  | 1.43 |  | 7,323.29 |  | 54.56 |  | 0.2206 |  | 112,958 |  |
| 2007 | 449,359.19 |  | 70.00 |  | 1.43 |  | 7,389.71 |  | 55.55 |  | 0.2064 |  | 106,675 |  |
| 2008 | 835,576.98 |  | 70.00 |  | 1.43 |  | 13,741.06 |  | 56.54 |  | 0.1923 |  | 184,774 |  |
| 2009 | 2,751,302.38 |  | 70.00 |  | 1.43 |  | 45,245.17 |  | 57.54 |  | 0.1780 |  | 563,192 |  |
| 2010 | 1,981,474.73 |  | 70.00 |  | 1.43 |  | 32,585.35 |  | 58.53 |  | 0.1639 |  | 373,387 |  |
| 2011 | 831,308.15 |  | 70.00 |  | 1.43 |  | 13,670.86 |  | 59.52 |  | 0.1497 |  | 143,123 |  |
| 2012 | 6,914,083.47 |  | 70.00 |  | 1.43 |  | 113,702.10 |  | 60.52 |  | 0.1354 |  | 1,076,830 |  |
| 2013 | 2,116,626.69 |  | 70.00 |  | 1.43 |  | 34,807.93 |  | 61.52 |  | 0.1211 |  | 294,869 |  |
| 2014 | 5,023,182.41 |  | 70.00 |  | 1.43 |  | 82,606.23 |  | 62.51 |  | 0.1070 |  | 618,103 |  |
| 2015 | 5,435,569.14 |  | 70.00 |  | 1.43 |  | 89,387.93 |  | 63.51 |  | 0.0927 |  | 579,521 |  |
| 2016 | 2,388,152.00 |  | 70.00 |  | 1.43 |  | 39,273.16 |  | 64.51 |  | 0.0784 |  | 215,398 |  |
| 2017 | 12,422,410.33 |  | 70.00 |  | 1.43 |  | 204,286.54 |  | 65.51 |  | 0.0641 |  | 916,289 |  |
| 2018 | 9,556,912.29 |  | 70.00 |  | 1.43 |  | 157,163.42 |  | 66.50 |  | 0.0500 |  | 549,522 |  |
| 2019 | 19,492,341.44 |  | 70.00 |  | 1.43 |  | 320,551.55 |  | 67.50 |  | 0.0357 |  | 800,482 |  |
| 2020 | 541,965.51 |  | 70.00 |  | 1.43 |  | 8,912.62 |  | 68.50 |  | 0.0214 |  | 13,356 |  |
| 2021 | 55,638,383.18 |  | 70.00 |  | 1.43 |  | 914,973.21 |  | 69.50 |  | 0.0071 |  | 456,847 |  |
|  | | | | | | | | | | | | | | |
|  | 167,917,204.58 |  |  | | | | 2,761,398.37 |  |  | | | | 31,792,199 |  |
|  | | | | | | | | | | | | | | |
|  | COMPOSITE ANNUAL ACCRUAL RATE, PERCENT .. 1.64 | | | | | | | | | | |  | | |

| SURVIVOR CURVE.. IOWA 60-R1 | | | | | | | | | | | | | | |
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| NET SALVAGE PERCENT.. -40 | | | | | | | | | | | | | | |
|  | | | | | | | | | | | | | | |
| 1926 | 11,160.04 |  | 60.00 |  | 1.67 |  | 260.92 |  | 7.93 |  | 0.8678 |  | 13,559 |  |
| 1927 | 588.14 |  | 60.00 |  | 1.67 |  | 13.75 |  | 8.25 |  | 0.8625 |  | 710 |  |
| 1929 | 8,073.58 |  | 60.00 |  | 1.67 |  | 188.76 |  | 8.90 |  | 0.8517 |  | 9,626 |  |
| 1930 | 4,407.00 |  | 60.00 |  | 1.67 |  | 103.04 |  | 9.24 |  | 0.8460 |  | 5,220 |  |
| 1942 | 9,631.42 |  | 60.00 |  | 1.67 |  | 225.18 |  | 13.56 |  | 0.7740 |  | 10,437 |  |
| 1943 | 10,313.35 |  | 60.00 |  | 1.67 |  | 241.13 |  | 13.95 |  | 0.7675 |  | 11,082 |  |
| 1944 | 12,077.53 |  | 60.00 |  | 1.67 |  | 282.37 |  | 14.35 |  | 0.7608 |  | 12,865 |  |
| 1945 | 7,450.86 |  | 60.00 |  | 1.67 |  | 174.20 |  | 14.74 |  | 0.7543 |  | 7,869 |  |
| 1946 | 704.62 |  | 60.00 |  | 1.67 |  | 16.47 |  | 15.15 |  | 0.7475 |  | 737 |  |
| 1947 | 24,475.88 |  | 60.00 |  | 1.67 |  | 572.25 |  | 15.55 |  | 0.7408 |  | 25,385 |  |
| 1948 | 49,014.77 |  | 60.00 |  | 1.67 |  | 1,145.97 |  | 15.97 |  | 0.7338 |  | 50,356 |  |
| 1949 | 59,869.38 |  | 60.00 |  | 1.67 |  | 1,399.75 |  | 16.38 |  | 0.7270 |  | 60,935 |  |
| 1950 | 37,681.79 |  | 60.00 |  | 1.67 |  | 881.00 |  | 16.81 |  | 0.7198 |  | 37,974 |  |
| 1951 | 185,496.23 |  | 60.00 |  | 1.67 |  | 4,336.90 |  | 17.23 |  | 0.7128 |  | 185,118 |  |
| 1952 | 117,954.85 |  | 60.00 |  | 1.67 |  | 2,757.78 |  | 17.66 |  | 0.7057 |  | 116,532 |  |
| 1953 | 291,121.23 |  | 60.00 |  | 1.67 |  | 6,806.41 |  | 18.10 |  | 0.6983 |  | 284,618 |  |
| 1954 | 319,503.52 |  | 60.00 |  | 1.67 |  | 7,469.99 |  | 18.54 |  | 0.6910 |  | 309,088 |  |
| 1955 | 171,555.46 |  | 60.00 |  | 1.67 |  | 4,010.97 |  | 18.99 |  | 0.6835 |  | 164,161 |  |
| 1956 | 207,427.09 |  | 60.00 |  | 1.67 |  | 4,849.65 |  | 19.45 |  | 0.6758 |  | 196,260 |  |
| 1957 | 745,835.59 |  | 60.00 |  | 1.67 |  | 17,437.64 |  | 19.90 |  | 0.6683 |  | 697,850 |  |
| 1958 | 367,708.68 |  | 60.00 |  | 1.67 |  | 8,597.03 |  | 20.37 |  | 0.6605 |  | 340,020 |  |
| 1959 | 225,445.57 |  | 60.00 |  | 1.67 |  | 5,270.92 |  | 20.84 |  | 0.6527 |  | 205,998 |  |
| 1960 | 439,136.40 |  | 60.00 |  | 1.67 |  | 10,267.01 |  | 21.31 |  | 0.6448 |  | 396,436 |  |
| 1961 | 380,669.24 |  | 60.00 |  | 1.67 |  | 8,900.05 |  | 21.79 |  | 0.6368 |  | 339,390 |  |
| 1962 | 842,211.96 |  | 60.00 |  | 1.67 |  | 19,690.92 |  | 22.28 |  | 0.6287 |  | 741,263 |  |
| 1963 | 910,800.52 |  | 60.00 |  | 1.67 |  | 21,294.52 |  | 22.77 |  | 0.6205 |  | 791,212 |  |
| 1964 | 258,454.47 |  | 60.00 |  | 1.67 |  | 6,042.67 |  | 23.27 |  | 0.6122 |  | 221,505 |  |
| 1965 | 1,708,834.58 |  | 60.00 |  | 1.67 |  | 39,952.55 |  | 23.77 |  | 0.6038 |  | 1,444,584 |  |
| 1966 | 5,128,692.19 |  | 60.00 |  | 1.67 |  | 119,908.82 |  | 24.28 |  | 0.5953 |  | 4,274,570 |  |
| 1967 | 2,574,150.32 |  | 60.00 |  | 1.67 |  | 60,183.63 |  | 24.79 |  | 0.5868 |  | 2,114,824 |  |
| 1968 | 1,067,280.22 |  | 60.00 |  | 1.67 |  | 24,953.01 |  | 25.32 |  | 0.5780 |  | 863,643 |  |
| 1969 | 726,571.45 |  | 60.00 |  | 1.67 |  | 16,987.24 |  | 25.84 |  | 0.5693 |  | 579,122 |  |
| 1970 | 1,409,151.47 |  | 60.00 |  | 1.67 |  | 32,945.96 |  | 26.37 |  | 0.5605 |  | 1,105,761 |  |
| 1971 | 4,791,268.30 |  | 60.00 |  | 1.67 |  | 112,019.85 |  | 26.91 |  | 0.5515 |  | 3,699,338 |  |
| 1972 | 6,164,138.80 |  | 60.00 |  | 1.67 |  | 144,117.57 |  | 27.46 |  | 0.5423 |  | 4,680,196 |  |
| 1973 | 5,627,379.72 |  | 60.00 |  | 1.67 |  | 131,568.14 |  | 28.01 |  | 0.5332 |  | 4,200,490 |  |
| 1974 | 5,218,809.55 |  | 60.00 |  | 1.67 |  | 122,015.77 |  | 28.56 |  | 0.5240 |  | 3,828,519 |  |
| 1975 | 5,256,385.49 |  | 60.00 |  | 1.67 |  | 122,894.29 |  | 29.12 |  | 0.5147 |  | 3,787,425 |  |
| 1976 | 10,338,638.86 |  | 60.00 |  | 1.67 |  | 241,717.38 |  | 29.69 |  | 0.5052 |  | 7,311,878 |  |
| 1977 | 7,003,861.15 |  | 60.00 |  | 1.67 |  | 163,750.27 |  | 30.26 |  | 0.4957 |  | 4,860,245 |  |
| 1978 | 5,635,449.36 |  | 60.00 |  | 1.67 |  | 131,756.81 |  | 30.84 |  | 0.4860 |  | 3,834,360 |  |
| 1979 | 5,756,808.82 |  | 60.00 |  | 1.67 |  | 134,594.19 |  | 31.42 |  | 0.4763 |  | 3,838,997 |  |
| 1980 | 6,613,087.35 |  | 60.00 |  | 1.67 |  | 154,613.98 |  | 32.01 |  | 0.4665 |  | 4,319,007 |  |
| 1981 | 6,206,488.37 |  | 60.00 |  | 1.67 |  | 145,107.70 |  | 32.61 |  | 0.4565 |  | 3,966,567 |  |
| 1982 | 6,475,439.55 |  | 60.00 |  | 1.67 |  | 151,395.78 |  | 33.21 |  | 0.4465 |  | 4,047,797 |  |
| 1983 | 4,428,612.31 |  | 60.00 |  | 1.67 |  | 103,540.96 |  | 33.81 |  | 0.4365 |  | 2,706,325 |  |
| 1984 | 4,003,316.56 |  | 60.00 |  | 1.67 |  | 93,597.54 |  | 34.43 |  | 0.4262 |  | 2,388,531 |  |
| 1985 | 6,993,642.98 |  | 60.00 |  | 1.67 |  | 163,511.37 |  | 35.04 |  | 0.4160 |  | 4,073,098 |  |
| 1986 | 5,745,264.36 |  | 60.00 |  | 1.67 |  | 134,324.28 |  | 35.66 |  | 0.4057 |  | 3,262,954 |  |
| 1987 | 4,824,416.40 |  | 60.00 |  | 1.67 |  | 112,794.86 |  | 36.29 |  | 0.3952 |  | 2,669,050 |  |
| 1988 | 14,154,046.27 |  | 60.00 |  | 1.67 |  | 330,921.60 |  | 36.92 |  | 0.3847 |  | 7,622,492 |  |
| 1989 | 10,860,815.43 |  | 60.00 |  | 1.67 |  | 253,925.86 |  | 37.55 |  | 0.3742 |  | 5,689,308 |  |
| 1990 | 11,673,818.66 |  | 60.00 |  | 1.67 |  | 272,933.88 |  | 38.19 |  | 0.3635 |  | 5,940,806 |  |
| 1991 | 9,710,100.93 |  | 60.00 |  | 1.67 |  | 227,022.16 |  | 38.84 |  | 0.3527 |  | 4,794,246 |  |
| 1992 | 13,437,096.07 |  | 60.00 |  | 1.67 |  | 314,159.31 |  | 39.49 |  | 0.3418 |  | 6,430,484 |  |
| 1993 | 33,650,546.92 |  | 60.00 |  | 1.67 |  | 786,749.79 |  | 40.14 |  | 0.3310 |  | 15,593,663 |  |
| 1994 | 14,336,137.27 |  | 60.00 |  | 1.67 |  | 335,178.89 |  | 40.79 |  | 0.3202 |  | 6,426,001 |  |
| 1995 | 9,303,661.83 |  | 60.00 |  | 1.67 |  | 217,519.61 |  | 41.45 |  | 0.3092 |  | 4,026,978 |  |
| 1996 | 8,631,948.85 |  | 60.00 |  | 1.67 |  | 201,814.96 |  | 42.12 |  | 0.2980 |  | 3,601,249 |  |
| 1997 | 6,868,074.02 |  | 60.00 |  | 1.67 |  | 160,575.57 |  | 42.78 |  | 0.2870 |  | 2,759,592 |  |
| 1998 | 11,001,481.58 |  | 60.00 |  | 1.67 |  | 257,214.64 |  | 43.45 |  | 0.2758 |  | 4,248,354 |  |
| 1999 | 21,414,722.92 |  | 60.00 |  | 1.67 |  | 500,676.22 |  | 44.12 |  | 0.2647 |  | 7,934,969 |  |
| 2000 | 15,289,274.78 |  | 60.00 |  | 1.67 |  | 357,463.24 |  | 44.80 |  | 0.2533 |  | 5,422,525 |  |
| 2001 | 26,262,294.34 |  | 60.00 |  | 1.67 |  | 614,012.44 |  | 45.48 |  | 0.2420 |  | 8,897,665 |  |
| 2002 | 39,167,562.30 |  | 60.00 |  | 1.67 |  | 915,737.61 |  | 46.16 |  | 0.2307 |  | 12,648,694 |  |
| 2003 | 34,116,061.24 |  | 60.00 |  | 1.67 |  | 797,633.51 |  | 46.84 |  | 0.2193 |  | 10,475,746 |  |
| 2004 | 41,544,835.37 |  | 60.00 |  | 1.67 |  | 971,318.25 |  | 47.52 |  | 0.2080 |  | 12,097,856 |  |
| 2005 | 31,805,482.04 |  | 60.00 |  | 1.67 |  | 743,612.17 |  | 48.21 |  | 0.1965 |  | 8,749,688 |  |
| 2006 | 94,533,174.39 |  | 60.00 |  | 1.67 |  | 2,210,185.62 |  | 48.90 |  | 0.1850 |  | 24,484,092 |  |
| 2007 | 41,355,279.09 |  | 60.00 |  | 1.67 |  | 966,886.43 |  | 49.60 |  | 0.1733 |  | 10,035,355 |  |
| 2008 | 85,028,237.49 |  | 60.00 |  | 1.67 |  | 1,987,960.19 |  | 50.29 |  | 0.1618 |  | 19,264,168 |  |
| 2009 | 41,518,512.24 |  | 60.00 |  | 1.67 |  | 970,702.82 |  | 50.99 |  | 0.1502 |  | 8,728,769 |  |
| 2010 | 25,069,212.69 |  | 60.00 |  | 1.67 |  | 586,118.19 |  | 51.69 |  | 0.1385 |  | 4,860,920 |  |
| 2011 | 51,395,085.80 |  | 60.00 |  | 1.67 |  | 1,201,617.11 |  | 52.40 |  | 0.1267 |  | 9,114,302 |  |
| 2012 | 64,444,409.57 |  | 60.00 |  | 1.67 |  | 1,506,710.30 |  | 53.10 |  | 0.1150 |  | 10,375,550 |  |
| 2013 | 67,893,782.64 |  | 60.00 |  | 1.67 |  | 1,587,356.64 |  | 53.81 |  | 0.1032 |  | 9,806,442 |  |
| 2014 | 113,150,569.68 |  | 60.00 |  | 1.67 |  | 2,645,460.32 |  | 54.53 |  | 0.0912 |  | 14,442,312 |  |
| 2015 | 184,130,790.34 |  | 60.00 |  | 1.67 |  | 4,304,977.88 |  | 55.25 |  | 0.0792 |  | 20,408,689 |  |
| 2016 | 121,701,589.53 |  | 60.00 |  | 1.67 |  | 2,845,383.16 |  | 55.97 |  | 0.0672 |  | 11,444,574 |  |
| 2017 | 105,152,087.03 |  | 60.00 |  | 1.67 |  | 2,458,455.79 |  | 56.69 |  | 0.0552 |  | 8,121,737 |  |
| 2018 | 127,019,068.00 |  | 60.00 |  | 1.67 |  | 2,969,705.81 |  | 57.42 |  | 0.0430 |  | 7,646,548 |  |
| 2019 | 214,839,619.73 |  | 60.00 |  | 1.67 |  | 5,022,950.31 |  | 58.15 |  | 0.0308 |  | 9,272,908 |  |
| 2020 | 250,446,927.07 |  | 60.00 |  | 1.67 |  | 5,855,449.15 |  | 58.89 |  | 0.0185 |  | 6,486,575 |  |
| 2021 | 278,560,969.84 |  | 60.00 |  | 1.67 |  | 6,512,755.47 |  | 59.63 |  | 0.0062 |  | 2,406,210 |  |
|  | | | | | | | | | | | | | | |
|  | 2,338,863,733.28 |  |  | | | | 54,682,634.10 |  |  | | | | 393,352,954 |  |
|  | | | | | | | | | | | | | | |
|  | COMPOSITE ANNUAL ACCRUAL RATE, PERCENT .. 2.34 | | | | | | | | | | |  | | |

| SURVIVOR CURVE.. IOWA 60-R0.5 | | | | | | | | | | | | | | |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| NET SALVAGE PERCENT.. -45 | | | | | | | | | | | | | | |
|  | | | | | | | | | | | | | | |
| 1929 | 22,340.71 |  | 60.00 |  | 1.67 |  | 540.98 |  | 11.99 |  | 0.8002 |  | 25,921 |  |
| 1930 | 2,263.57 |  | 60.00 |  | 1.67 |  | 54.81 |  | 12.39 |  | 0.7935 |  | 2,604 |  |
| 1941 | 14,360.49 |  | 60.00 |  | 1.67 |  | 347.74 |  | 16.81 |  | 0.7198 |  | 14,989 |  |
| 1942 | 40,413.35 |  | 60.00 |  | 1.67 |  | 978.61 |  | 17.23 |  | 0.7128 |  | 41,771 |  |
| 1943 | 2,136.02 |  | 60.00 |  | 1.67 |  | 51.72 |  | 17.64 |  | 0.7060 |  | 2,187 |  |
| 1944 | 122,591.80 |  | 60.00 |  | 1.67 |  | 2,968.56 |  | 18.06 |  | 0.6990 |  | 124,253 |  |
| 1945 | 3,108.39 |  | 60.00 |  | 1.67 |  | 75.27 |  | 18.48 |  | 0.6920 |  | 3,119 |  |
| 1946 | 511.61 |  | 60.00 |  | 1.67 |  | 12.39 |  | 18.91 |  | 0.6848 |  | 508 |  |
| 1947 | 205,329.33 |  | 60.00 |  | 1.67 |  | 4,972.05 |  | 19.34 |  | 0.6777 |  | 201,761 |  |
| 1948 | 3,099.00 |  | 60.00 |  | 1.67 |  | 75.04 |  | 19.77 |  | 0.6705 |  | 3,013 |  |
| 1949 | 36,717.83 |  | 60.00 |  | 1.67 |  | 889.12 |  | 20.20 |  | 0.6633 |  | 35,316 |  |
| 1950 | 22,106.57 |  | 60.00 |  | 1.67 |  | 535.31 |  | 20.63 |  | 0.6562 |  | 21,033 |  |
| 1951 | 181,454.34 |  | 60.00 |  | 1.67 |  | 4,393.92 |  | 21.07 |  | 0.6488 |  | 170,713 |  |
| 1952 | 408,430.07 |  | 60.00 |  | 1.67 |  | 9,890.13 |  | 21.52 |  | 0.6413 |  | 379,811 |  |
| 1953 | 594,019.28 |  | 60.00 |  | 1.67 |  | 14,384.18 |  | 21.96 |  | 0.6340 |  | 546,082 |  |
| 1954 | 625,085.10 |  | 60.00 |  | 1.67 |  | 15,136.44 |  | 22.41 |  | 0.6265 |  | 567,843 |  |
| 1955 | 227,427.38 |  | 60.00 |  | 1.67 |  | 5,507.15 |  | 22.87 |  | 0.6188 |  | 204,071 |  |
| 1956 | 256,330.64 |  | 60.00 |  | 1.67 |  | 6,207.05 |  | 23.32 |  | 0.6113 |  | 227,219 |  |
| 1957 | 1,584,353.81 |  | 60.00 |  | 1.67 |  | 38,365.13 |  | 23.79 |  | 0.6035 |  | 1,386,428 |  |
| 1958 | 750,212.65 |  | 60.00 |  | 1.67 |  | 18,166.40 |  | 24.25 |  | 0.5958 |  | 648,149 |  |
| 1959 | 356,666.27 |  | 60.00 |  | 1.67 |  | 8,636.67 |  | 24.72 |  | 0.5880 |  | 304,094 |  |
| 1960 | 1,594,218.16 |  | 60.00 |  | 1.67 |  | 38,603.99 |  | 25.19 |  | 0.5802 |  | 1,341,130 |  |
| 1961 | 522,597.26 |  | 60.00 |  | 1.67 |  | 12,654.69 |  | 25.67 |  | 0.5722 |  | 433,571 |  |
| 1962 | 3,016,772.86 |  | 60.00 |  | 1.67 |  | 73,051.15 |  | 26.15 |  | 0.5642 |  | 2,467,860 |  |
| 1963 | 1,990,655.78 |  | 60.00 |  | 1.67 |  | 48,203.73 |  | 26.63 |  | 0.5562 |  | 1,605,357 |  |
| 1964 | 927,185.02 |  | 60.00 |  | 1.67 |  | 22,451.79 |  | 27.12 |  | 0.5480 |  | 736,741 |  |
| 1965 | 2,675,982.07 |  | 60.00 |  | 1.67 |  | 64,798.91 |  | 27.61 |  | 0.5398 |  | 2,094,634 |  |
| 1966 | 5,549,388.40 |  | 60.00 |  | 1.67 |  | 134,378.44 |  | 28.10 |  | 0.5317 |  | 4,278,143 |  |
| 1967 | 5,607,459.83 |  | 60.00 |  | 1.67 |  | 135,784.64 |  | 28.60 |  | 0.5233 |  | 4,255,100 |  |
| 1968 | 2,359,241.68 |  | 60.00 |  | 1.67 |  | 57,129.04 |  | 29.10 |  | 0.5150 |  | 1,761,764 |  |
| 1969 | 790,852.12 |  | 60.00 |  | 1.67 |  | 19,150.48 |  | 29.61 |  | 0.5065 |  | 580,822 |  |
| 1970 | 2,165,767.72 |  | 60.00 |  | 1.67 |  | 52,444.07 |  | 30.12 |  | 0.4980 |  | 1,563,901 |  |
| 1971 | 4,322,668.73 |  | 60.00 |  | 1.67 |  | 104,673.42 |  | 30.64 |  | 0.4893 |  | 3,067,057 |  |
| 1972 | 5,303,304.92 |  | 60.00 |  | 1.67 |  | 128,419.53 |  | 31.15 |  | 0.4808 |  | 3,697,483 |  |
| 1973 | 4,708,458.23 |  | 60.00 |  | 1.67 |  | 114,015.32 |  | 31.68 |  | 0.4720 |  | 3,222,469 |  |
| 1974 | 13,105,192.44 |  | 60.00 |  | 1.67 |  | 317,342.23 |  | 32.20 |  | 0.4633 |  | 8,804,442 |  |
| 1975 | 6,383,344.34 |  | 60.00 |  | 1.67 |  | 154,572.68 |  | 32.73 |  | 0.4545 |  | 4,206,784 |  |
| 1976 | 3,984,180.73 |  | 60.00 |  | 1.67 |  | 96,476.94 |  | 33.26 |  | 0.4457 |  | 2,574,663 |  |
| 1977 | 3,663,619.10 |  | 60.00 |  | 1.67 |  | 88,714.54 |  | 33.80 |  | 0.4367 |  | 2,319,699 |  |
| 1978 | 3,747,972.25 |  | 60.00 |  | 1.67 |  | 90,757.15 |  | 34.34 |  | 0.4277 |  | 2,324,198 |  |
| 1979 | 7,932,514.06 |  | 60.00 |  | 1.67 |  | 192,085.83 |  | 34.88 |  | 0.4187 |  | 4,815,603 |  |
| 1980 | 16,230,054.58 |  | 60.00 |  | 1.67 |  | 393,010.77 |  | 35.43 |  | 0.4095 |  | 9,637,001 |  |
| 1981 | 3,454,049.16 |  | 60.00 |  | 1.67 |  | 83,639.80 |  | 35.98 |  | 0.4003 |  | 2,005,001 |  |
| 1982 | 3,756,644.48 |  | 60.00 |  | 1.67 |  | 90,967.15 |  | 36.54 |  | 0.3910 |  | 2,129,830 |  |
| 1983 | 3,235,621.85 |  | 60.00 |  | 1.67 |  | 78,350.58 |  | 37.09 |  | 0.3818 |  | 1,791,413 |  |
| 1984 | 5,057,703.50 |  | 60.00 |  | 1.67 |  | 122,472.29 |  | 37.65 |  | 0.3725 |  | 2,731,792 |  |
| 1985 | 1,718,843.78 |  | 60.00 |  | 1.67 |  | 41,621.80 |  | 38.21 |  | 0.3632 |  | 905,137 |  |
| 1986 | 4,748,127.93 |  | 60.00 |  | 1.67 |  | 114,975.92 |  | 38.78 |  | 0.3537 |  | 2,434,942 |  |
| 1987 | 6,297,027.23 |  | 60.00 |  | 1.67 |  | 152,482.51 |  | 39.35 |  | 0.3442 |  | 3,142,509 |  |
| 1988 | 14,414,851.95 |  | 60.00 |  | 1.67 |  | 349,055.64 |  | 39.92 |  | 0.3347 |  | 6,995,117 |  |
| 1989 | 7,402,196.16 |  | 60.00 |  | 1.67 |  | 179,244.18 |  | 40.49 |  | 0.3252 |  | 3,490,110 |  |
| 1990 | 9,315,989.35 |  | 60.00 |  | 1.67 |  | 225,586.68 |  | 41.07 |  | 0.3155 |  | 4,261,832 |  |
| 1991 | 6,607,824.61 |  | 60.00 |  | 1.67 |  | 160,008.47 |  | 41.65 |  | 0.3058 |  | 2,930,263 |  |
| 1992 | 8,194,407.33 |  | 60.00 |  | 1.67 |  | 198,427.57 |  | 42.23 |  | 0.2962 |  | 3,519,060 |  |
| 1993 | 25,325,567.07 |  | 60.00 |  | 1.67 |  | 613,258.61 |  | 42.81 |  | 0.2865 |  | 10,520,874 |  |
| 1994 | 22,127,918.16 |  | 60.00 |  | 1.67 |  | 535,827.54 |  | 43.40 |  | 0.2767 |  | 8,877,090 |  |
| 1995 | 7,436,426.02 |  | 60.00 |  | 1.67 |  | 180,073.06 |  | 43.98 |  | 0.2670 |  | 2,879,012 |  |
| 1996 | 25,669,452.11 |  | 60.00 |  | 1.67 |  | 621,585.78 |  | 44.57 |  | 0.2572 |  | 9,572,049 |  |
| 1997 | 5,749,953.98 |  | 60.00 |  | 1.67 |  | 139,235.14 |  | 45.16 |  | 0.2473 |  | 2,062,097 |  |
| 1998 | 7,766,475.43 |  | 60.00 |  | 1.67 |  | 188,065.20 |  | 45.75 |  | 0.2375 |  | 2,674,580 |  |
| 1999 | 12,459,600.17 |  | 60.00 |  | 1.67 |  | 301,709.22 |  | 46.35 |  | 0.2275 |  | 4,110,111 |  |
| 2000 | 11,211,875.59 |  | 60.00 |  | 1.67 |  | 271,495.57 |  | 46.94 |  | 0.2177 |  | 3,538,709 |  |
| 2001 | 24,404,988.93 |  | 60.00 |  | 1.67 |  | 590,966.81 |  | 47.54 |  | 0.2077 |  | 7,348,867 |  |
| 2002 | 31,314,574.52 |  | 60.00 |  | 1.67 |  | 758,282.42 |  | 48.13 |  | 0.1978 |  | 8,982,695 |  |
| 2003 | 28,354,762.13 |  | 60.00 |  | 1.67 |  | 686,610.56 |  | 48.73 |  | 0.1878 |  | 7,722,519 |  |
| 2004 | 23,337,914.00 |  | 60.00 |  | 1.67 |  | 565,127.59 |  | 49.33 |  | 0.1778 |  | 6,017,763 |  |
| 2005 | 20,690,665.96 |  | 60.00 |  | 1.67 |  | 501,024.48 |  | 49.93 |  | 0.1678 |  | 5,035,146 |  |
| 2006 | 43,765,485.05 |  | 60.00 |  | 1.67 |  | 1,059,781.22 |  | 50.53 |  | 0.1578 |  | 10,015,884 |  |
| 2007 | 19,602,700.66 |  | 60.00 |  | 1.67 |  | 474,679.40 |  | 51.13 |  | 0.1478 |  | 4,201,907 |  |
| 2008 | 38,638,773.48 |  | 60.00 |  | 1.67 |  | 935,637.90 |  | 51.73 |  | 0.1378 |  | 7,722,094 |  |
| 2009 | 23,900,935.32 |  | 60.00 |  | 1.67 |  | 578,761.15 |  | 52.34 |  | 0.1277 |  | 4,424,577 |  |
| 2010 | 18,095,209.62 |  | 60.00 |  | 1.67 |  | 438,175.50 |  | 52.94 |  | 0.1177 |  | 3,087,432 |  |
| 2011 | 30,336,748.03 |  | 60.00 |  | 1.67 |  | 734,604.35 |  | 53.55 |  | 0.1075 |  | 4,728,741 |  |
| 2012 | 21,278,644.80 |  | 60.00 |  | 1.67 |  | 515,262.38 |  | 54.16 |  | 0.0973 |  | 3,003,023 |  |
| 2013 | 34,375,124.52 |  | 60.00 |  | 1.67 |  | 832,393.64 |  | 54.77 |  | 0.0872 |  | 4,344,895 |  |
| 2014 | 56,690,035.55 |  | 60.00 |  | 1.67 |  | 1,372,749.21 |  | 55.38 |  | 0.0770 |  | 6,329,442 |  |
| 2015 | 54,661,923.88 |  | 60.00 |  | 1.67 |  | 1,323,638.49 |  | 55.99 |  | 0.0668 |  | 5,296,932 |  |
| 2016 | 44,749,253.97 |  | 60.00 |  | 1.67 |  | 1,083,603.18 |  | 56.60 |  | 0.0567 |  | 3,677,113 |  |
| 2017 | 47,489,000.59 |  | 60.00 |  | 1.67 |  | 1,149,946.15 |  | 57.22 |  | 0.0463 |  | 3,190,240 |  |
| 2018 | 62,177,414.13 |  | 60.00 |  | 1.67 |  | 1,505,626.08 |  | 57.83 |  | 0.0362 |  | 3,260,988 |  |
| 2019 | 302,144,088.74 |  | 60.00 |  | 1.67 |  | 7,316,419.11 |  | 58.45 |  | 0.0258 |  | 11,316,354 |  |
| 2020 | 121,424,743.85 |  | 60.00 |  | 1.67 |  | 2,940,300.17 |  | 59.07 |  | 0.0155 |  | 2,729,021 |  |
| 2021 | 174,215,816.07 |  | 60.00 |  | 1.67 |  | 4,218,635.99 |  | 59.69 |  | 0.0052 |  | 1,306,009 |  |
|  | | | | | | | | | | | | | | |
|  | 1,515,639,748.15 |  |  | | | | 36,701,216.50 |  |  | | | | 265,012,477 |  |
|  | | | | | | | | | | | | | | |
|  | COMPOSITE ANNUAL ACCRUAL RATE, PERCENT .. 2.42 | | | | | | | | | | |  | | |

| SURVIVOR CURVE.. IOWA 51-S0.5 | | | | | | | | | | | | | | |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| NET SALVAGE PERCENT.. -5 | | | | | | | | | | | | | | |
|  | | | | | | | | | | | | | | |
| 1938 | 193.53 |  | 51.00 |  | 1.96 |  | 3.98 |  | 6.33 |  | 0.8759 |  | 178 |  |
| 1939 | 193.86 |  | 51.00 |  | 1.96 |  | 3.99 |  | 6.66 |  | 0.8694 |  | 177 |  |
| 1941 | 30,005.06 |  | 51.00 |  | 1.96 |  | 617.50 |  | 7.34 |  | 0.8561 |  | 26,971 |  |
| 1942 | 18,968.73 |  | 51.00 |  | 1.96 |  | 390.38 |  | 7.68 |  | 0.8494 |  | 16,918 |  |
| 1943 | 774.02 |  | 51.00 |  | 1.96 |  | 15.93 |  | 8.02 |  | 0.8428 |  | 685 |  |
| 1944 | 1,290.76 |  | 51.00 |  | 1.96 |  | 26.56 |  | 8.36 |  | 0.8361 |  | 1,133 |  |
| 1945 | 8,708.20 |  | 51.00 |  | 1.96 |  | 179.21 |  | 8.70 |  | 0.8294 |  | 7,584 |  |
| 1946 | 58,323.75 |  | 51.00 |  | 1.96 |  | 1,200.30 |  | 9.05 |  | 0.8226 |  | 50,373 |  |
| 1947 | 31,292.04 |  | 51.00 |  | 1.96 |  | 643.99 |  | 9.39 |  | 0.8159 |  | 26,807 |  |
| 1948 | 87,114.21 |  | 51.00 |  | 1.96 |  | 1,792.81 |  | 9.74 |  | 0.8090 |  | 74,001 |  |
| 1949 | 154,228.28 |  | 51.00 |  | 1.96 |  | 3,174.02 |  | 10.09 |  | 0.8022 |  | 129,902 |  |
| 1950 | 126,396.30 |  | 51.00 |  | 1.96 |  | 2,601.24 |  | 10.44 |  | 0.7953 |  | 105,548 |  |
| 1951 | 163,479.31 |  | 51.00 |  | 1.96 |  | 3,364.40 |  | 10.80 |  | 0.7882 |  | 135,304 |  |
| 1952 | 98,689.32 |  | 51.00 |  | 1.96 |  | 2,031.03 |  | 11.16 |  | 0.7812 |  | 80,949 |  |
| 1953 | 478,315.63 |  | 51.00 |  | 1.96 |  | 9,843.74 |  | 11.52 |  | 0.7741 |  | 388,787 |  |
| 1954 | 448,930.36 |  | 51.00 |  | 1.96 |  | 9,238.99 |  | 11.88 |  | 0.7671 |  | 361,574 |  |
| 1955 | 516,409.85 |  | 51.00 |  | 1.96 |  | 10,627.71 |  | 12.24 |  | 0.7600 |  | 412,095 |  |
| 1956 | 582,482.75 |  | 51.00 |  | 1.96 |  | 11,987.49 |  | 12.61 |  | 0.7528 |  | 460,387 |  |
| 1957 | 319,672.07 |  | 51.00 |  | 1.96 |  | 6,578.85 |  | 12.98 |  | 0.7455 |  | 250,228 |  |
| 1958 | 1,416,890.70 |  | 51.00 |  | 1.96 |  | 29,159.61 |  | 13.35 |  | 0.7382 |  | 1,098,306 |  |
| 1959 | 824,843.57 |  | 51.00 |  | 1.96 |  | 16,975.28 |  | 13.73 |  | 0.7308 |  | 632,918 |  |
| 1960 | 928,407.91 |  | 51.00 |  | 1.96 |  | 19,106.63 |  | 14.11 |  | 0.7233 |  | 705,123 |  |
| 1961 | 682,778.21 |  | 51.00 |  | 1.96 |  | 14,051.58 |  | 14.49 |  | 0.7159 |  | 513,227 |  |
| 1962 | 1,308,829.00 |  | 51.00 |  | 1.96 |  | 26,935.70 |  | 14.88 |  | 0.7082 |  | 973,313 |  |
| 1963 | 1,379,940.28 |  | 51.00 |  | 1.96 |  | 28,399.17 |  | 15.27 |  | 0.7006 |  | 1,015,111 |  |
| 1964 | 2,162,589.41 |  | 51.00 |  | 1.96 |  | 44,506.09 |  | 15.66 |  | 0.6929 |  | 1,573,472 |  |
| 1965 | 2,657,579.66 |  | 51.00 |  | 1.96 |  | 54,692.99 |  | 16.06 |  | 0.6851 |  | 1,911,743 |  |
| 1966 | 2,983,980.82 |  | 51.00 |  | 1.96 |  | 61,410.33 |  | 16.46 |  | 0.6773 |  | 2,121,946 |  |
| 1967 | 4,049,267.37 |  | 51.00 |  | 1.96 |  | 83,333.92 |  | 16.87 |  | 0.6692 |  | 2,845,343 |  |
| 1968 | 8,378,907.21 |  | 51.00 |  | 1.96 |  | 172,437.91 |  | 17.28 |  | 0.6612 |  | 5,816,964 |  |
| 1969 | 2,858,571.70 |  | 51.00 |  | 1.96 |  | 58,829.41 |  | 17.69 |  | 0.6531 |  | 1,960,400 |  |
| 1970 | 9,189,542.65 |  | 51.00 |  | 1.96 |  | 189,120.79 |  | 18.11 |  | 0.6449 |  | 6,222,653 |  |
| 1971 | 6,306,048.00 |  | 51.00 |  | 1.96 |  | 129,778.47 |  | 18.54 |  | 0.6365 |  | 4,214,291 |  |
| 1972 | 9,921,980.10 |  | 51.00 |  | 1.96 |  | 204,194.35 |  | 18.97 |  | 0.6280 |  | 6,542,970 |  |
| 1973 | 7,064,600.92 |  | 51.00 |  | 1.96 |  | 145,389.49 |  | 19.40 |  | 0.6196 |  | 4,596,162 |  |
| 1974 | 11,411,304.17 |  | 51.00 |  | 1.96 |  | 234,844.64 |  | 19.84 |  | 0.6110 |  | 7,320,683 |  |
| 1975 | 11,377,879.25 |  | 51.00 |  | 1.96 |  | 234,156.75 |  | 20.28 |  | 0.6024 |  | 7,196,139 |  |
| 1976 | 4,978,279.68 |  | 51.00 |  | 1.96 |  | 102,453.00 |  | 20.73 |  | 0.5935 |  | 3,102,496 |  |
| 1977 | 3,548,632.75 |  | 51.00 |  | 1.96 |  | 73,030.86 |  | 21.19 |  | 0.5845 |  | 2,177,922 |  |
| 1978 | 4,043,908.00 |  | 51.00 |  | 1.96 |  | 83,223.63 |  | 21.65 |  | 0.5755 |  | 2,443,590 |  |
| 1979 | 5,613,826.78 |  | 51.00 |  | 1.96 |  | 115,532.56 |  | 22.12 |  | 0.5663 |  | 3,337,889 |  |
| 1980 | 10,582,282.48 |  | 51.00 |  | 1.96 |  | 217,783.37 |  | 22.59 |  | 0.5571 |  | 6,189,715 |  |
| 1981 | 11,289,394.34 |  | 51.00 |  | 1.96 |  | 232,335.74 |  | 23.07 |  | 0.5477 |  | 6,491,769 |  |
| 1982 | 16,197,748.99 |  | 51.00 |  | 1.96 |  | 333,349.67 |  | 23.56 |  | 0.5380 |  | 9,150,789 |  |
| 1983 | 9,302,752.52 |  | 51.00 |  | 1.96 |  | 191,450.65 |  | 24.05 |  | 0.5284 |  | 5,161,646 |  |
| 1984 | 10,603,217.66 |  | 51.00 |  | 1.96 |  | 218,214.22 |  | 24.55 |  | 0.5186 |  | 5,774,104 |  |
| 1985 | 13,153,931.75 |  | 51.00 |  | 1.96 |  | 270,707.92 |  | 25.06 |  | 0.5086 |  | 7,025,009 |  |
| 1986 | 15,522,862.22 |  | 51.00 |  | 1.96 |  | 319,460.50 |  | 25.58 |  | 0.4984 |  | 8,123,913 |  |
| 1987 | 20,624,912.48 |  | 51.00 |  | 1.96 |  | 424,460.70 |  | 26.10 |  | 0.4882 |  | 10,573,403 |  |
| 1988 | 23,064,982.30 |  | 51.00 |  | 1.96 |  | 474,677.34 |  | 26.63 |  | 0.4778 |  | 11,572,440 |  |
| 1989 | 45,140,019.09 |  | 51.00 |  | 1.96 |  | 928,981.59 |  | 27.17 |  | 0.4673 |  | 22,146,258 |  |
| 1990 | 54,378,840.74 |  | 51.00 |  | 1.96 |  | 1,119,116.54 |  | 27.72 |  | 0.4565 |  | 26,063,425 |  |
| 1991 | 57,365,535.68 |  | 51.00 |  | 1.96 |  | 1,180,582.72 |  | 28.27 |  | 0.4457 |  | 26,845,608 |  |
| 1992 | 55,041,333.61 |  | 51.00 |  | 1.96 |  | 1,132,750.65 |  | 28.84 |  | 0.4345 |  | 25,111,810 |  |
| 1993 | 35,786,021.91 |  | 51.00 |  | 1.96 |  | 736,476.33 |  | 29.41 |  | 0.4233 |  | 15,906,761 |  |
| 1994 | 23,788,675.26 |  | 51.00 |  | 1.96 |  | 489,570.94 |  | 29.99 |  | 0.4120 |  | 10,289,982 |  |
| 1995 | 14,474,908.85 |  | 51.00 |  | 1.96 |  | 297,893.62 |  | 30.59 |  | 0.4002 |  | 6,082,501 |  |
| 1996 | 17,028,100.05 |  | 51.00 |  | 1.96 |  | 350,438.30 |  | 31.19 |  | 0.3884 |  | 6,944,936 |  |
| 1997 | 27,723,018.08 |  | 51.00 |  | 1.96 |  | 570,539.71 |  | 31.81 |  | 0.3763 |  | 10,952,907 |  |
| 1998 | 27,501,136.36 |  | 51.00 |  | 1.96 |  | 565,973.39 |  | 32.43 |  | 0.3641 |  | 10,514,399 |  |
| 1999 | 43,022,401.27 |  | 51.00 |  | 1.96 |  | 885,401.02 |  | 33.07 |  | 0.3516 |  | 15,881,655 |  |
| 2000 | 58,195,414.45 |  | 51.00 |  | 1.96 |  | 1,197,661.63 |  | 33.71 |  | 0.3390 |  | 20,715,880 |  |
| 2001 | 53,486,531.26 |  | 51.00 |  | 1.96 |  | 1,100,752.81 |  | 34.37 |  | 0.3261 |  | 18,312,933 |  |
| 2002 | 71,054,251.17 |  | 51.00 |  | 1.96 |  | 1,462,296.49 |  | 35.04 |  | 0.3129 |  | 23,347,503 |  |
| 2003 | 70,485,316.07 |  | 51.00 |  | 1.96 |  | 1,450,587.80 |  | 35.72 |  | 0.2996 |  | 22,174,011 |  |
| 2004 | 52,284,494.79 |  | 51.00 |  | 1.96 |  | 1,076,014.90 |  | 36.42 |  | 0.2859 |  | 15,694,446 |  |
| 2005 | 60,508,632.64 |  | 51.00 |  | 1.96 |  | 1,245,267.66 |  | 37.13 |  | 0.2720 |  | 17,278,724 |  |
| 2006 | 67,485,854.36 |  | 51.00 |  | 1.96 |  | 1,388,858.88 |  | 37.85 |  | 0.2578 |  | 18,270,580 |  |
| 2007 | 59,444,145.97 |  | 51.00 |  | 1.96 |  | 1,223,360.52 |  | 38.58 |  | 0.2435 |  | 15,200,255 |  |
| 2008 | 50,918,559.96 |  | 51.00 |  | 1.96 |  | 1,047,903.96 |  | 39.33 |  | 0.2288 |  | 12,233,744 |  |
| 2009 | 47,542,809.51 |  | 51.00 |  | 1.96 |  | 978,431.02 |  | 40.09 |  | 0.2139 |  | 10,678,876 |  |
| 2010 | 28,965,916.03 |  | 51.00 |  | 1.96 |  | 596,118.55 |  | 40.87 |  | 0.1986 |  | 6,041,175 |  |
| 2011 | 67,115,637.47 |  | 51.00 |  | 1.96 |  | 1,381,239.82 |  | 41.66 |  | 0.1831 |  | 12,906,136 |  |
| 2012 | 47,674,357.86 |  | 51.00 |  | 1.96 |  | 981,138.28 |  | 42.47 |  | 0.1673 |  | 8,372,213 |  |
| 2013 | 72,201,402.06 |  | 51.00 |  | 1.96 |  | 1,485,904.85 |  | 43.29 |  | 0.1512 |  | 11,461,178 |  |
| 2014 | 89,266,523.63 |  | 51.00 |  | 1.96 |  | 1,837,105.06 |  | 44.13 |  | 0.1347 |  | 12,626,348 |  |
| 2015 | 104,124,636.24 |  | 51.00 |  | 1.96 |  | 2,142,885.01 |  | 44.99 |  | 0.1178 |  | 12,883,549 |  |
| 2016 | 133,207,120.26 |  | 51.00 |  | 1.96 |  | 2,741,402.53 |  | 45.86 |  | 0.1008 |  | 14,095,844 |  |
| 2017 | 167,953,629.76 |  | 51.00 |  | 1.96 |  | 3,456,485.70 |  | 46.75 |  | 0.0833 |  | 14,695,355 |  |
| 2018 | 168,278,315.39 |  | 51.00 |  | 1.96 |  | 3,463,167.73 |  | 47.66 |  | 0.0655 |  | 11,571,574 |  |
| 2019 | 204,681,622.27 |  | 51.00 |  | 1.96 |  | 4,212,347.79 |  | 48.59 |  | 0.0473 |  | 10,154,767 |  |
| 2020 | 224,868,466.72 |  | 51.00 |  | 1.96 |  | 4,627,793.05 |  | 49.54 |  | 0.0286 |  | 6,759,883 |  |
| 2021 | 488,253,796.79 |  | 51.00 |  | 1.96 |  | 10,048,263.14 |  | 50.51 |  | 0.0096 |  | 4,926,725 |  |
|  | | | | | | | | | | | | | | |
|  | 3,025,803,566.47 |  |  | | | | 62,271,037.38 |  |  | | | | 618,056,991 |  |
|  | | | | | | | | | | | | | | |
|  | COMPOSITE ANNUAL ACCRUAL RATE, PERCENT .. 2.06 | | | | | | | | | | |  | | |

| SURVIVOR CURVE.. IOWA 44-R2.5 | | | | | | | | | | | | | | |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| NET SALVAGE PERCENT.. -60 | | | | | | | | | | | | | | |
|  | | | | | | | | | | | | | | |
| 1927 | 177.50 |  | 44.00 |  |  |  |  |  |  |  | 1.0000 |  | 284 |  |
| 1928 | 1,049.03 |  | 44.00 |  |  |  |  |  |  |  | 1.0000 |  | 1,678 |  |
| 1929 | 631.59 |  | 44.00 |  |  |  |  |  |  |  | 1.0000 |  | 1,011 |  |
| 1930 | 871.15 |  | 44.00 |  |  |  |  |  |  |  | 1.0000 |  | 1,394 |  |
| 1931 | 614.69 |  | 44.00 |  |  |  |  |  |  |  | 1.0000 |  | 984 |  |
| 1932 | 713.12 |  | 44.00 |  |  |  |  |  |  |  | 1.0000 |  | 1,141 |  |
| 1933 | 446.88 |  | 44.00 |  |  |  |  |  |  |  | 1.0000 |  | 715 |  |
| 1934 | 725.56 |  | 44.00 |  |  |  |  |  |  |  | 1.0000 |  | 1,161 |  |
| 1935 | 1,403.55 |  | 44.00 |  |  |  |  |  |  |  | 1.0000 |  | 2,246 |  |
| 1936 | 2,918.50 |  | 44.00 |  |  |  |  |  |  |  | 1.0000 |  | 4,670 |  |
| 1937 | 3,882.97 |  | 44.00 |  |  |  |  |  |  |  | 1.0000 |  | 6,213 |  |
| 1938 | 4,900.32 |  | 44.00 |  |  |  |  |  |  |  | 1.0000 |  | 7,841 |  |
| 1939 | 4,214.67 |  | 44.00 |  |  |  |  |  |  |  | 1.0000 |  | 6,743 |  |
| 1940 | 4,618.35 |  | 44.00 |  | 2.27 |  | 167.74 |  | 0.17 |  | 0.9961 |  | 7,361 |  |
| 1941 | 4,722.53 |  | 44.00 |  | 2.27 |  | 171.52 |  | 0.34 |  | 0.9923 |  | 7,498 |  |
| 1942 | 5,518.35 |  | 44.00 |  | 2.27 |  | 200.43 |  | 0.57 |  | 0.9871 |  | 8,715 |  |
| 1943 | 3,155.92 |  | 44.00 |  | 2.27 |  | 114.62 |  | 0.82 |  | 0.9814 |  | 4,955 |  |
| 1944 | 4,534.36 |  | 44.00 |  | 2.27 |  | 164.69 |  | 1.09 |  | 0.9752 |  | 7,075 |  |
| 1945 | 18,918.99 |  | 44.00 |  | 2.27 |  | 687.14 |  | 1.35 |  | 0.9693 |  | 29,342 |  |
| 1946 | 36,618.86 |  | 44.00 |  | 2.27 |  | 1,330.00 |  | 1.62 |  | 0.9632 |  | 56,433 |  |
| 1947 | 42,577.73 |  | 44.00 |  | 2.27 |  | 1,546.42 |  | 1.90 |  | 0.9568 |  | 65,183 |  |
| 1948 | 48,129.50 |  | 44.00 |  | 2.27 |  | 1,748.06 |  | 2.17 |  | 0.9507 |  | 73,209 |  |
| 1949 | 53,449.38 |  | 44.00 |  | 2.27 |  | 1,941.28 |  | 2.44 |  | 0.9446 |  | 80,777 |  |
| 1950 | 55,792.53 |  | 44.00 |  | 2.27 |  | 2,026.38 |  | 2.70 |  | 0.9386 |  | 83,791 |  |
| 1951 | 55,191.19 |  | 44.00 |  | 2.27 |  | 2,004.54 |  | 2.94 |  | 0.9332 |  | 82,405 |  |
| 1952 | 64,328.35 |  | 44.00 |  | 2.27 |  | 2,336.41 |  | 3.18 |  | 0.9277 |  | 95,487 |  |
| 1953 | 84,016.89 |  | 44.00 |  | 2.27 |  | 3,051.49 |  | 3.40 |  | 0.9227 |  | 124,040 |  |
| 1954 | 92,321.90 |  | 44.00 |  | 2.27 |  | 3,353.13 |  | 3.62 |  | 0.9177 |  | 135,563 |  |
| 1955 | 110,473.35 |  | 44.00 |  | 2.27 |  | 4,012.39 |  | 3.83 |  | 0.9130 |  | 161,371 |  |
| 1956 | 137,273.22 |  | 44.00 |  | 2.27 |  | 4,985.76 |  | 4.05 |  | 0.9080 |  | 199,420 |  |
| 1957 | 283,109.93 |  | 44.00 |  | 2.27 |  | 10,282.55 |  | 4.27 |  | 0.9030 |  | 409,015 |  |
| 1958 | 154,221.66 |  | 44.00 |  | 2.27 |  | 5,601.33 |  | 4.50 |  | 0.8977 |  | 221,519 |  |
| 1959 | 187,971.01 |  | 44.00 |  | 2.27 |  | 6,827.11 |  | 4.72 |  | 0.8927 |  | 268,492 |  |
| 1960 | 176,801.25 |  | 44.00 |  | 2.27 |  | 6,421.42 |  | 4.95 |  | 0.8875 |  | 251,058 |  |
| 1961 | 185,273.24 |  | 44.00 |  | 2.27 |  | 6,729.12 |  | 5.19 |  | 0.8821 |  | 261,472 |  |
| 1962 | 206,394.02 |  | 44.00 |  | 2.27 |  | 7,496.23 |  | 5.43 |  | 0.8766 |  | 289,477 |  |
| 1963 | 473,939.42 |  | 44.00 |  | 2.27 |  | 17,213.48 |  | 5.67 |  | 0.8711 |  | 660,588 |  |
| 1964 | 492,298.40 |  | 44.00 |  | 2.27 |  | 17,880.28 |  | 5.92 |  | 0.8655 |  | 681,695 |  |
| 1965 | 677,889.45 |  | 44.00 |  | 2.27 |  | 24,620.94 |  | 6.17 |  | 0.8598 |  | 932,526 |  |
| 1966 | 673,408.73 |  | 44.00 |  | 2.27 |  | 24,458.21 |  | 6.44 |  | 0.8536 |  | 919,758 |  |
| 1967 | 849,219.43 |  | 44.00 |  | 2.27 |  | 30,843.65 |  | 6.71 |  | 0.8475 |  | 1,151,542 |  |
| 1968 | 1,065,255.38 |  | 44.00 |  | 2.27 |  | 38,690.08 |  | 7.00 |  | 0.8409 |  | 1,433,254 |  |
| 1969 | 1,036,675.65 |  | 44.00 |  | 2.27 |  | 37,652.06 |  | 7.30 |  | 0.8341 |  | 1,383,489 |  |
| 1970 | 1,896,122.85 |  | 44.00 |  | 2.27 |  | 68,867.18 |  | 7.61 |  | 0.8271 |  | 2,509,101 |  |
| 1971 | 1,823,119.67 |  | 44.00 |  | 2.27 |  | 66,215.71 |  | 7.94 |  | 0.8196 |  | 2,390,620 |  |
| 1972 | 2,305,138.10 |  | 44.00 |  | 2.27 |  | 83,722.62 |  | 8.29 |  | 0.8116 |  | 2,993,323 |  |
| 1973 | 2,844,917.11 |  | 44.00 |  | 2.27 |  | 103,327.39 |  | 8.65 |  | 0.8034 |  | 3,657,016 |  |
| 1974 | 2,899,506.93 |  | 44.00 |  | 2.27 |  | 105,310.09 |  | 9.03 |  | 0.7948 |  | 3,687,106 |  |
| 1975 | 3,250,353.14 |  | 44.00 |  | 2.27 |  | 118,052.83 |  | 9.43 |  | 0.7857 |  | 4,085,980 |  |
| 1976 | 2,458,063.25 |  | 44.00 |  | 2.27 |  | 89,276.86 |  | 9.85 |  | 0.7761 |  | 3,052,482 |  |
| 1977 | 3,037,668.35 |  | 44.00 |  | 2.27 |  | 110,328.11 |  | 10.29 |  | 0.7661 |  | 3,723,647 |  |
| 1978 | 4,148,103.80 |  | 44.00 |  | 2.27 |  | 150,659.13 |  | 10.75 |  | 0.7557 |  | 5,015,423 |  |
| 1979 | 8,006,483.65 |  | 44.00 |  | 2.27 |  | 290,795.49 |  | 11.22 |  | 0.7450 |  | 9,543,729 |  |
| 1980 | 8,160,640.51 |  | 44.00 |  | 2.27 |  | 296,394.46 |  | 11.72 |  | 0.7336 |  | 9,579,156 |  |
| 1981 | 7,795,466.50 |  | 44.00 |  | 2.27 |  | 283,131.34 |  | 12.24 |  | 0.7218 |  | 9,003,078 |  |
| 1982 | 7,443,793.44 |  | 44.00 |  | 2.27 |  | 270,358.58 |  | 12.78 |  | 0.7096 |  | 8,450,790 |  |
| 1983 | 10,400,826.00 |  | 44.00 |  | 2.27 |  | 377,758.00 |  | 13.33 |  | 0.6971 |  | 11,599,833 |  |
| 1984 | 12,148,725.73 |  | 44.00 |  | 2.27 |  | 441,241.72 |  | 13.91 |  | 0.6839 |  | 13,292,844 |  |
| 1985 | 14,305,647.52 |  | 44.00 |  | 2.27 |  | 519,581.12 |  | 14.50 |  | 0.6705 |  | 15,345,954 |  |
| 1986 | 14,960,256.71 |  | 44.00 |  | 2.27 |  | 543,356.52 |  | 15.10 |  | 0.6568 |  | 15,721,913 |  |
| 1987 | 14,697,727.94 |  | 44.00 |  | 2.27 |  | 533,821.48 |  | 15.73 |  | 0.6425 |  | 15,109,264 |  |
| 1988 | 15,398,765.87 |  | 44.00 |  | 2.27 |  | 559,283.18 |  | 16.37 |  | 0.6280 |  | 15,471,448 |  |
| 1989 | 18,229,148.67 |  | 44.00 |  | 2.27 |  | 662,082.68 |  | 17.02 |  | 0.6132 |  | 17,884,399 |  |
| 1990 | 19,597,328.95 |  | 44.00 |  | 2.27 |  | 711,774.99 |  | 17.69 |  | 0.5980 |  | 18,749,157 |  |
| 1991 | 17,676,265.72 |  | 44.00 |  | 2.27 |  | 642,001.97 |  | 18.37 |  | 0.5825 |  | 16,474,280 |  |
| 1992 | 18,201,622.27 |  | 44.00 |  | 2.27 |  | 661,082.92 |  | 19.07 |  | 0.5666 |  | 16,500,571 |  |
| 1993 | 22,010,540.17 |  | 44.00 |  | 2.27 |  | 799,422.82 |  | 19.78 |  | 0.5505 |  | 19,385,123 |  |
| 1994 | 17,665,613.63 |  | 44.00 |  | 2.27 |  | 641,615.09 |  | 20.50 |  | 0.5341 |  | 15,096,044 |  |
| 1995 | 18,222,930.27 |  | 44.00 |  | 2.27 |  | 661,856.83 |  | 21.23 |  | 0.5175 |  | 15,088,586 |  |
| 1996 | 16,696,136.11 |  | 44.00 |  | 2.27 |  | 606,403.66 |  | 21.97 |  | 0.5007 |  | 13,375,074 |  |
| 1997 | 17,118,140.09 |  | 44.00 |  | 2.27 |  | 621,730.85 |  | 22.73 |  | 0.4834 |  | 13,240,128 |  |
| 1998 | 23,693,721.74 |  | 44.00 |  | 2.27 |  | 860,555.97 |  | 23.49 |  | 0.4661 |  | 17,671,346 |  |
| 1999 | 23,003,511.00 |  | 44.00 |  | 2.27 |  | 835,487.52 |  | 24.27 |  | 0.4484 |  | 16,504,007 |  |
| 2000 | 24,949,902.81 |  | 44.00 |  | 2.27 |  | 906,180.47 |  | 25.06 |  | 0.4305 |  | 17,183,497 |  |
| 2001 | 26,437,751.58 |  | 44.00 |  | 2.27 |  | 960,219.14 |  | 25.86 |  | 0.4123 |  | 17,439,187 |  |
| 2002 | 29,486,757.38 |  | 44.00 |  | 2.27 |  | 1,070,959.03 |  | 26.67 |  | 0.3939 |  | 18,581,847 |  |
| 2003 | 30,457,052.98 |  | 44.00 |  | 2.27 |  | 1,106,200.16 |  | 27.48 |  | 0.3755 |  | 18,296,161 |  |
| 2004 | 31,342,521.40 |  | 44.00 |  | 2.27 |  | 1,138,360.38 |  | 28.31 |  | 0.3566 |  | 17,882,288 |  |
| 2005 | 40,217,909.28 |  | 44.00 |  | 2.27 |  | 1,460,714.47 |  | 29.15 |  | 0.3375 |  | 21,717,671 |  |
| 2006 | 52,631,459.92 |  | 44.00 |  | 2.27 |  | 1,911,574.62 |  | 29.99 |  | 0.3184 |  | 26,813,413 |  |
| 2007 | 29,320,869.85 |  | 44.00 |  | 2.27 |  | 1,064,933.99 |  | 30.84 |  | 0.2991 |  | 14,031,326 |  |
| 2008 | 35,784,961.91 |  | 44.00 |  | 2.27 |  | 1,299,709.82 |  | 31.71 |  | 0.2793 |  | 15,992,729 |  |
| 2009 | 34,710,578.76 |  | 44.00 |  | 2.27 |  | 1,260,688.22 |  | 32.58 |  | 0.2596 |  | 14,414,609 |  |
| 2010 | 36,585,643.50 |  | 44.00 |  | 2.27 |  | 1,328,790.57 |  | 33.45 |  | 0.2398 |  | 14,035,424 |  |
| 2011 | 42,678,909.00 |  | 44.00 |  | 2.27 |  | 1,550,097.97 |  | 34.34 |  | 0.2196 |  | 14,992,247 |  |
| 2012 | 56,568,975.26 |  | 44.00 |  | 2.27 |  | 2,054,585.18 |  | 35.23 |  | 0.1993 |  | 18,040,525 |  |
| 2013 | 61,114,537.71 |  | 44.00 |  | 2.27 |  | 2,219,680.01 |  | 36.13 |  | 0.1789 |  | 17,489,514 |  |
| 2014 | 75,510,639.43 |  | 44.00 |  | 2.27 |  | 2,742,546.42 |  | 37.04 |  | 0.1582 |  | 19,110,837 |  |
| 2015 | 48,760,279.07 |  | 44.00 |  | 2.27 |  | 1,770,973.34 |  | 37.95 |  | 0.1375 |  | 10,727,261 |  |
| 2016 | 107,680,893.40 |  | 44.00 |  | 2.27 |  | 3,910,970.05 |  | 38.86 |  | 0.1168 |  | 20,126,851 |  |
| 2017 | 113,886,164.60 |  | 44.00 |  | 2.27 |  | 4,136,345.50 |  | 39.79 |  | 0.0957 |  | 17,434,605 |  |
| 2018 | 107,494,098.91 |  | 44.00 |  | 2.27 |  | 3,904,185.67 |  | 40.72 |  | 0.0746 |  | 12,821,896 |  |
| 2019 | 109,411,249.99 |  | 44.00 |  | 2.27 |  | 3,973,816.60 |  | 41.65 |  | 0.0534 |  | 9,349,848 |  |
| 2020 | 154,120,758.45 |  | 44.00 |  | 2.27 |  | 5,597,665.95 |  | 42.59 |  | 0.0321 |  | 7,903,312 |  |
| 2021 | 184,602,793.26 |  | 44.00 |  | 2.27 |  | 6,704,773.45 |  | 43.53 |  | 0.0107 |  | 3,154,493 |  |
|  | | | | | | | | | | | | | | |
|  | 1,791,157,642.64 |  |  | | | | 65,054,026.58 |  |  | | | | 691,863,554 |  |
|  | | | | | | | | | | | | | | |
|  | COMPOSITE ANNUAL ACCRUAL RATE, PERCENT .. 3.63 | | | | | | | | | | |  | | |

| SURVIVOR CURVE.. IOWA 56-S0 | | | | | | | | | | | | | | |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| NET SALVAGE PERCENT.. -60 | | | | | | | | | | | | | | |
|  | | | | | | | | | | | | | | |
| 1938 | 56.34 |  | 56.00 |  | 1.79 |  | 1.61 |  | 10.77 |  | 0.8077 |  | 73 |  |
| 1945 | 581.88 |  | 56.00 |  | 1.79 |  | 16.67 |  | 13.57 |  | 0.7577 |  | 705 |  |
| 1946 | 99.68 |  | 56.00 |  | 1.79 |  | 2.85 |  | 13.97 |  | 0.7505 |  | 120 |  |
| 1947 | 436.98 |  | 56.00 |  | 1.79 |  | 12.52 |  | 14.38 |  | 0.7432 |  | 520 |  |
| 1948 | 134.35 |  | 56.00 |  | 1.79 |  | 3.85 |  | 14.79 |  | 0.7359 |  | 158 |  |
| 1949 | 681.18 |  | 56.00 |  | 1.79 |  | 19.51 |  | 15.20 |  | 0.7286 |  | 794 |  |
| 1950 | 535.23 |  | 56.00 |  | 1.79 |  | 15.33 |  | 15.61 |  | 0.7213 |  | 618 |  |
| 1951 | 294.71 |  | 56.00 |  | 1.79 |  | 8.44 |  | 16.03 |  | 0.7138 |  | 337 |  |
| 1952 | 1,108.18 |  | 56.00 |  | 1.79 |  | 31.74 |  | 16.44 |  | 0.7064 |  | 1,253 |  |
| 1953 | 684.67 |  | 56.00 |  | 1.79 |  | 19.61 |  | 16.86 |  | 0.6989 |  | 766 |  |
| 1954 | 338.04 |  | 56.00 |  | 1.79 |  | 9.68 |  | 17.28 |  | 0.6914 |  | 374 |  |
| 1955 | 946.58 |  | 56.00 |  | 1.79 |  | 27.11 |  | 17.70 |  | 0.6839 |  | 1,036 |  |
| 1956 | 381.38 |  | 56.00 |  | 1.79 |  | 10.92 |  | 18.13 |  | 0.6763 |  | 413 |  |
| 1957 | 2,244.81 |  | 56.00 |  | 1.79 |  | 64.29 |  | 18.55 |  | 0.6688 |  | 2,402 |  |
| 1958 | 593.33 |  | 56.00 |  | 1.79 |  | 16.99 |  | 18.98 |  | 0.6611 |  | 628 |  |
| 1959 | 1,218.91 |  | 56.00 |  | 1.79 |  | 34.91 |  | 19.41 |  | 0.6534 |  | 1,274 |  |
| 1960 | 900.87 |  | 56.00 |  | 1.79 |  | 25.80 |  | 19.84 |  | 0.6457 |  | 931 |  |
| 1961 | 4,401.88 |  | 56.00 |  | 1.79 |  | 126.07 |  | 20.28 |  | 0.6379 |  | 4,492 |  |
| 1962 | 1,861.19 |  | 56.00 |  | 1.79 |  | 53.30 |  | 20.72 |  | 0.6300 |  | 1,876 |  |
| 1963 | 1,642.12 |  | 56.00 |  | 1.79 |  | 47.03 |  | 21.16 |  | 0.6221 |  | 1,635 |  |
| 1964 | 932.68 |  | 56.00 |  | 1.79 |  | 26.71 |  | 21.60 |  | 0.6143 |  | 917 |  |
| 1965 | 2,644.18 |  | 56.00 |  | 1.79 |  | 75.73 |  | 22.04 |  | 0.6064 |  | 2,566 |  |
| 1966 | 1,794.17 |  | 56.00 |  | 1.79 |  | 51.39 |  | 22.49 |  | 0.5984 |  | 1,718 |  |
| 1967 | 793.10 |  | 56.00 |  | 1.79 |  | 22.71 |  | 22.94 |  | 0.5904 |  | 749 |  |
| 1968 | 1,985.22 |  | 56.00 |  | 1.79 |  | 56.86 |  | 23.39 |  | 0.5823 |  | 1,850 |  |
| 1969 | 4,088.25 |  | 56.00 |  | 1.79 |  | 117.09 |  | 23.85 |  | 0.5741 |  | 3,755 |  |
| 1970 | 254,201.13 |  | 56.00 |  | 1.79 |  | 7,280.32 |  | 24.30 |  | 0.5661 |  | 230,233 |  |
| 1971 | 471,920.08 |  | 56.00 |  | 1.79 |  | 13,515.79 |  | 24.77 |  | 0.5577 |  | 421,089 |  |
| 1972 | 802,882.03 |  | 56.00 |  | 1.79 |  | 22,994.54 |  | 25.23 |  | 0.5495 |  | 705,842 |  |
| 1973 | 1,041,620.45 |  | 56.00 |  | 1.79 |  | 29,832.01 |  | 25.70 |  | 0.5411 |  | 901,743 |  |
| 1974 | 805,523.63 |  | 56.00 |  | 1.79 |  | 23,070.20 |  | 26.17 |  | 0.5327 |  | 686,538 |  |
| 1975 | 895,091.67 |  | 56.00 |  | 1.79 |  | 25,635.43 |  | 26.64 |  | 0.5243 |  | 750,860 |  |
| 1976 | 864,253.72 |  | 56.00 |  | 1.79 |  | 24,752.23 |  | 27.12 |  | 0.5157 |  | 713,127 |  |
| 1977 | 1,063,050.67 |  | 56.00 |  | 1.79 |  | 30,445.77 |  | 27.60 |  | 0.5071 |  | 862,585 |  |
| 1978 | 945,219.99 |  | 56.00 |  | 1.79 |  | 27,071.10 |  | 28.09 |  | 0.4984 |  | 753,741 |  |
| 1979 | 1,452,402.77 |  | 56.00 |  | 1.79 |  | 41,596.82 |  | 28.57 |  | 0.4898 |  | 1,138,265 |  |
| 1980 | 1,174,650.88 |  | 56.00 |  | 1.79 |  | 33,642.00 |  | 29.07 |  | 0.4809 |  | 903,805 |  |
| 1981 | 608,006.38 |  | 56.00 |  | 1.79 |  | 17,413.30 |  | 29.56 |  | 0.4721 |  | 459,303 |  |
| 1982 | 566,338.80 |  | 56.00 |  | 1.79 |  | 16,219.94 |  | 30.06 |  | 0.4632 |  | 419,734 |  |
| 1983 | 862,626.29 |  | 56.00 |  | 1.79 |  | 24,705.62 |  | 30.57 |  | 0.4541 |  | 626,764 |  |
| 1984 | 1,365,866.68 |  | 56.00 |  | 1.79 |  | 39,118.42 |  | 31.07 |  | 0.4452 |  | 972,890 |  |
| 1985 | 1,157,744.96 |  | 56.00 |  | 1.79 |  | 33,157.82 |  | 31.59 |  | 0.4359 |  | 807,439 |  |
| 1986 | 1,010,832.60 |  | 56.00 |  | 1.79 |  | 28,950.25 |  | 32.11 |  | 0.4266 |  | 689,970 |  |
| 1987 | 1,125,504.53 |  | 56.00 |  | 1.79 |  | 32,234.45 |  | 32.63 |  | 0.4173 |  | 751,513 |  |
| 1988 | 1,450,510.83 |  | 56.00 |  | 1.79 |  | 41,542.63 |  | 33.16 |  | 0.4079 |  | 946,569 |  |
| 1989 | 1,522,855.53 |  | 56.00 |  | 1.79 |  | 43,614.58 |  | 33.69 |  | 0.3984 |  | 970,705 |  |
| 1990 | 2,007,999.30 |  | 56.00 |  | 1.79 |  | 57,509.10 |  | 34.23 |  | 0.3888 |  | 1,248,976 |  |
| 1991 | 1,860,982.88 |  | 56.00 |  | 1.79 |  | 53,298.55 |  | 34.77 |  | 0.3791 |  | 1,128,828 |  |
| 1992 | 2,081,214.34 |  | 56.00 |  | 1.79 |  | 59,605.98 |  | 35.32 |  | 0.3693 |  | 1,229,715 |  |
| 1993 | 2,268,035.95 |  | 56.00 |  | 1.79 |  | 64,956.55 |  | 35.88 |  | 0.3593 |  | 1,303,812 |  |
| 1994 | 3,128,594.23 |  | 56.00 |  | 1.79 |  | 89,602.94 |  | 36.44 |  | 0.3493 |  | 1,748,459 |  |
| 1995 | 2,139,828.42 |  | 56.00 |  | 1.79 |  | 61,284.69 |  | 37.00 |  | 0.3393 |  | 1,161,636 |  |
| 1996 | 2,733,495.42 |  | 56.00 |  | 1.79 |  | 78,287.31 |  | 37.58 |  | 0.3289 |  | 1,438,606 |  |
| 1997 | 2,992,830.41 |  | 56.00 |  | 1.79 |  | 85,714.66 |  | 38.16 |  | 0.3186 |  | 1,525,482 |  |
| 1998 | 3,774,825.99 |  | 56.00 |  | 1.79 |  | 108,111.02 |  | 38.75 |  | 0.3080 |  | 1,860,476 |  |
| 1999 | 3,936,751.98 |  | 56.00 |  | 1.79 |  | 112,748.58 |  | 39.35 |  | 0.2973 |  | 1,872,760 |  |
| 2000 | 4,198,484.99 |  | 56.00 |  | 1.79 |  | 120,244.61 |  | 39.95 |  | 0.2866 |  | 1,925,324 |  |
| 2001 | 4,281,866.00 |  | 56.00 |  | 1.79 |  | 122,632.64 |  | 40.56 |  | 0.2757 |  | 1,888,885 |  |
| 2002 | 6,780,963.93 |  | 56.00 |  | 1.79 |  | 194,206.81 |  | 41.19 |  | 0.2645 |  | 2,869,270 |  |
| 2003 | 5,759,530.15 |  | 56.00 |  | 1.79 |  | 164,952.94 |  | 41.82 |  | 0.2532 |  | 2,333,393 |  |
| 2004 | 4,546,268.93 |  | 56.00 |  | 1.79 |  | 130,205.14 |  | 42.46 |  | 0.2418 |  | 1,758,788 |  |
| 2005 | 4,774,310.80 |  | 56.00 |  | 1.79 |  | 136,736.26 |  | 43.11 |  | 0.2302 |  | 1,758,321 |  |
| 2006 | 14,910,520.24 |  | 56.00 |  | 1.79 |  | 427,037.30 |  | 43.77 |  | 0.2184 |  | 5,210,094 |  |
| 2007 | 17,832,685.04 |  | 56.00 |  | 1.79 |  | 510,728.10 |  | 44.44 |  | 0.2064 |  | 5,889,922 |  |
| 2008 | 29,419,179.55 |  | 56.00 |  | 1.79 |  | 842,565.30 |  | 45.12 |  | 0.1943 |  | 9,145,364 |  |
| 2009 | 32,847,198.21 |  | 56.00 |  | 1.79 |  | 940,743.76 |  | 45.82 |  | 0.1818 |  | 9,554,067 |  |
| 2010 | 25,382,562.46 |  | 56.00 |  | 1.79 |  | 726,956.59 |  | 46.52 |  | 0.1693 |  | 6,875,222 |  |
| 2011 | 23,415,290.94 |  | 56.00 |  | 1.79 |  | 670,613.93 |  | 47.25 |  | 0.1563 |  | 5,853,823 |  |
| 2012 | 22,373,854.71 |  | 56.00 |  | 1.79 |  | 640,787.20 |  | 47.98 |  | 0.1432 |  | 5,126,656 |  |
| 2013 | 41,677,048.42 |  | 56.00 |  | 1.79 |  | 1,193,630.67 |  | 48.74 |  | 0.1296 |  | 8,644,820 |  |
| 2014 | 90,110,716.75 |  | 56.00 |  | 1.79 |  | 2,580,770.93 |  | 49.51 |  | 0.1159 |  | 16,708,690 |  |
| 2015 | 132,993,931.25 |  | 56.00 |  | 1.79 |  | 3,808,946.19 |  | 50.29 |  | 0.1020 |  | 21,696,098 |  |
| 2016 | 199,092,941.85 |  | 56.00 |  | 1.79 |  | 5,702,021.85 |  | 51.10 |  | 0.0875 |  | 27,873,012 |  |
| 2017 | 189,647,557.44 |  | 56.00 |  | 1.79 |  | 5,431,506.05 |  | 51.93 |  | 0.0727 |  | 22,053,735 |  |
| 2018 | 202,525,536.70 |  | 56.00 |  | 1.79 |  | 5,800,331.37 |  | 52.78 |  | 0.0575 |  | 18,632,349 |  |
| 2019 | 165,906,899.36 |  | 56.00 |  | 1.79 |  | 4,751,573.60 |  | 53.66 |  | 0.0418 |  | 11,093,199 |  |
| 2020 | 189,927,513.25 |  | 56.00 |  | 1.79 |  | 5,439,523.98 |  | 54.57 |  | 0.0255 |  | 7,761,198 |  |
| 2021 | 211,933,364.68 |  | 56.00 |  | 1.79 |  | 6,069,771.56 |  | 55.51 |  | 0.0088 |  | 2,967,067 |  |
|  | | | | | | | | | | | | | | |
|  | 1,666,735,268.10 |  |  | | | | 47,735,298.10 |  |  | | | | 226,882,722 |  |
|  | | | | | | | | | | | | | | |
|  | COMPOSITE ANNUAL ACCRUAL RATE, PERCENT .. 2.86 | | | | | | | | | | |  | | |

| SURVIVOR CURVE.. IOWA 55-R0.5 | | | | | | | | | | | | | | |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| NET SALVAGE PERCENT.. -60 | | | | | | | | | | | | | | |
|  | | | | | | | | | | | | | | |
| 1921 | 43.82 |  | 55.00 |  | 1.82 |  | 1.28 |  | 4.52 |  | 0.9178 |  | 64 |  |
| 1922 | 83.43 |  | 55.00 |  | 1.82 |  | 2.43 |  | 4.96 |  | 0.9098 |  | 121 |  |
| 1923 | 91.36 |  | 55.00 |  | 1.82 |  | 2.66 |  | 5.40 |  | 0.9018 |  | 132 |  |
| 1924 | 80.15 |  | 55.00 |  | 1.82 |  | 2.33 |  | 5.83 |  | 0.8940 |  | 115 |  |
| 1925 | 276.48 |  | 55.00 |  | 1.82 |  | 8.05 |  | 6.26 |  | 0.8862 |  | 392 |  |
| 1926 | 1,489.63 |  | 55.00 |  | 1.82 |  | 43.38 |  | 6.68 |  | 0.8786 |  | 2,094 |  |
| 1927 | 2,611.45 |  | 55.00 |  | 1.82 |  | 76.05 |  | 7.10 |  | 0.8709 |  | 3,639 |  |
| 1928 | 2,636.93 |  | 55.00 |  | 1.82 |  | 76.79 |  | 7.51 |  | 0.8635 |  | 3,643 |  |
| 1929 | 1,265.84 |  | 55.00 |  | 1.82 |  | 36.86 |  | 7.92 |  | 0.8560 |  | 1,734 |  |
| 1930 | 2,283.59 |  | 55.00 |  | 1.82 |  | 66.50 |  | 8.32 |  | 0.8487 |  | 3,101 |  |
| 1931 | 1,243.00 |  | 55.00 |  | 1.82 |  | 36.20 |  | 8.73 |  | 0.8413 |  | 1,673 |  |
| 1932 | 957.40 |  | 55.00 |  | 1.82 |  | 27.88 |  | 9.13 |  | 0.8340 |  | 1,278 |  |
| 1933 | 545.41 |  | 55.00 |  | 1.82 |  | 15.88 |  | 9.52 |  | 0.8269 |  | 722 |  |
| 1934 | 875.21 |  | 55.00 |  | 1.82 |  | 25.49 |  | 9.92 |  | 0.8196 |  | 1,148 |  |
| 1935 | 2,072.51 |  | 55.00 |  | 1.82 |  | 60.35 |  | 10.32 |  | 0.8124 |  | 2,694 |  |
| 1936 | 4,763.46 |  | 55.00 |  | 1.82 |  | 138.71 |  | 10.71 |  | 0.8053 |  | 6,137 |  |
| 1937 | 7,134.22 |  | 55.00 |  | 1.82 |  | 207.75 |  | 11.11 |  | 0.7980 |  | 9,109 |  |
| 1938 | 11,743.90 |  | 55.00 |  | 1.82 |  | 341.98 |  | 11.51 |  | 0.7907 |  | 14,858 |  |
| 1939 | 6,263.62 |  | 55.00 |  | 1.82 |  | 182.40 |  | 11.90 |  | 0.7836 |  | 7,853 |  |
| 1940 | 6,949.68 |  | 55.00 |  | 1.82 |  | 202.37 |  | 12.30 |  | 0.7764 |  | 8,633 |  |
| 1941 | 7,188.17 |  | 55.00 |  | 1.82 |  | 209.32 |  | 12.70 |  | 0.7691 |  | 8,845 |  |
| 1942 | 33,204.79 |  | 55.00 |  | 1.82 |  | 966.92 |  | 13.10 |  | 0.7618 |  | 40,474 |  |
| 1943 | 14,991.71 |  | 55.00 |  | 1.82 |  | 436.56 |  | 13.50 |  | 0.7546 |  | 18,099 |  |
| 1944 | 18,787.93 |  | 55.00 |  | 1.82 |  | 547.10 |  | 13.90 |  | 0.7473 |  | 22,463 |  |
| 1945 | 52,597.27 |  | 55.00 |  | 1.82 |  | 1,531.63 |  | 14.31 |  | 0.7398 |  | 62,260 |  |
| 1946 | 147,231.65 |  | 55.00 |  | 1.82 |  | 4,287.39 |  | 14.71 |  | 0.7326 |  | 172,567 |  |
| 1947 | 248,774.12 |  | 55.00 |  | 1.82 |  | 7,244.30 |  | 15.12 |  | 0.7251 |  | 288,614 |  |
| 1948 | 345,514.32 |  | 55.00 |  | 1.82 |  | 10,061.38 |  | 15.53 |  | 0.7176 |  | 396,728 |  |
| 1949 | 513,086.93 |  | 55.00 |  | 1.82 |  | 14,941.09 |  | 15.95 |  | 0.7100 |  | 582,867 |  |
| 1950 | 487,656.31 |  | 55.00 |  | 1.82 |  | 14,200.55 |  | 16.37 |  | 0.7024 |  | 548,016 |  |
| 1951 | 304,619.31 |  | 55.00 |  | 1.82 |  | 8,870.51 |  | 16.79 |  | 0.6947 |  | 338,605 |  |
| 1952 | 353,066.30 |  | 55.00 |  | 1.82 |  | 10,281.29 |  | 17.21 |  | 0.6871 |  | 388,141 |  |
| 1953 | 320,524.41 |  | 55.00 |  | 1.82 |  | 9,333.67 |  | 17.63 |  | 0.6795 |  | 348,448 |  |
| 1954 | 338,259.98 |  | 55.00 |  | 1.82 |  | 9,850.13 |  | 18.06 |  | 0.6716 |  | 363,502 |  |
| 1955 | 342,511.57 |  | 55.00 |  | 1.82 |  | 9,973.94 |  | 18.50 |  | 0.6636 |  | 363,687 |  |
| 1956 | 343,216.67 |  | 55.00 |  | 1.82 |  | 9,994.47 |  | 18.93 |  | 0.6558 |  | 360,141 |  |
| 1957 | 427,149.56 |  | 55.00 |  | 1.82 |  | 12,438.60 |  | 19.37 |  | 0.6478 |  | 442,746 |  |
| 1958 | 442,197.56 |  | 55.00 |  | 1.82 |  | 12,876.79 |  | 19.82 |  | 0.6396 |  | 452,556 |  |
| 1959 | 506,600.99 |  | 55.00 |  | 1.82 |  | 14,752.22 |  | 20.26 |  | 0.6316 |  | 511,983 |  |
| 1960 | 565,011.77 |  | 55.00 |  | 1.82 |  | 16,453.14 |  | 20.72 |  | 0.6233 |  | 563,448 |  |
| 1961 | 1,015,808.98 |  | 55.00 |  | 1.82 |  | 29,580.36 |  | 21.17 |  | 0.6151 |  | 999,702 |  |
| 1962 | 1,019,378.29 |  | 55.00 |  | 1.82 |  | 29,684.30 |  | 21.63 |  | 0.6067 |  | 989,580 |  |
| 1963 | 1,223,210.00 |  | 55.00 |  | 1.82 |  | 35,619.88 |  | 22.09 |  | 0.5984 |  | 1,171,072 |  |
| 1964 | 1,516,582.40 |  | 55.00 |  | 1.82 |  | 44,162.88 |  | 22.56 |  | 0.5898 |  | 1,431,217 |  |
| 1965 | 1,506,375.88 |  | 55.00 |  | 1.82 |  | 43,865.67 |  | 23.03 |  | 0.5813 |  | 1,400,978 |  |
| 1966 | 1,697,516.41 |  | 55.00 |  | 1.82 |  | 49,431.68 |  | 23.51 |  | 0.5726 |  | 1,555,061 |  |
| 1967 | 2,138,140.81 |  | 55.00 |  | 1.82 |  | 62,262.66 |  | 23.99 |  | 0.5638 |  | 1,928,842 |  |
| 1968 | 2,370,072.26 |  | 55.00 |  | 1.82 |  | 69,016.50 |  | 24.47 |  | 0.5551 |  | 2,104,965 |  |
| 1969 | 3,816,456.47 |  | 55.00 |  | 1.82 |  | 111,135.21 |  | 24.96 |  | 0.5462 |  | 3,335,156 |  |
| 1970 | 8,616,116.15 |  | 55.00 |  | 1.82 |  | 250,901.30 |  | 25.45 |  | 0.5373 |  | 7,406,689 |  |
| 1971 | 6,427,380.44 |  | 55.00 |  | 1.82 |  | 187,165.32 |  | 25.95 |  | 0.5282 |  | 5,431,702 |  |
| 1972 | 8,894,955.08 |  | 55.00 |  | 1.82 |  | 259,021.09 |  | 26.45 |  | 0.5191 |  | 7,387,652 |  |
| 1973 | 9,041,740.82 |  | 55.00 |  | 1.82 |  | 263,295.49 |  | 26.95 |  | 0.5100 |  | 7,378,061 |  |
| 1974 | 8,776,808.08 |  | 55.00 |  | 1.82 |  | 255,580.65 |  | 27.46 |  | 0.5007 |  | 7,031,698 |  |
| 1975 | 8,948,954.55 |  | 55.00 |  | 1.82 |  | 260,593.56 |  | 27.98 |  | 0.4913 |  | 7,034,165 |  |
| 1976 | 7,153,221.53 |  | 55.00 |  | 1.82 |  | 208,301.81 |  | 28.49 |  | 0.4820 |  | 5,516,564 |  |
| 1977 | 7,892,311.58 |  | 55.00 |  | 1.82 |  | 229,824.11 |  | 29.01 |  | 0.4726 |  | 5,967,219 |  |
| 1978 | 9,917,395.80 |  | 55.00 |  | 1.82 |  | 288,794.57 |  | 29.54 |  | 0.4629 |  | 7,345,379 |  |
| 1979 | 16,811,312.15 |  | 55.00 |  | 1.82 |  | 489,545.41 |  | 30.07 |  | 0.4533 |  | 12,192,102 |  |
| 1980 | 18,281,592.97 |  | 55.00 |  | 1.82 |  | 532,359.99 |  | 30.60 |  | 0.4436 |  | 12,976,713 |  |
| 1981 | 17,547,259.76 |  | 55.00 |  | 1.82 |  | 510,976.20 |  | 31.14 |  | 0.4338 |  | 12,179,764 |  |
| 1982 | 15,342,198.91 |  | 55.00 |  | 1.82 |  | 446,764.83 |  | 31.68 |  | 0.4240 |  | 10,408,148 |  |
| 1983 | 17,951,158.75 |  | 55.00 |  | 1.82 |  | 522,737.74 |  | 32.23 |  | 0.4140 |  | 11,890,848 |  |
| 1984 | 23,045,271.40 |  | 55.00 |  | 1.82 |  | 671,078.30 |  | 32.78 |  | 0.4040 |  | 14,896,463 |  |
| 1985 | 22,796,079.93 |  | 55.00 |  | 1.82 |  | 663,821.85 |  | 33.33 |  | 0.3940 |  | 14,370,649 |  |
| 1986 | 22,458,471.23 |  | 55.00 |  | 1.82 |  | 653,990.68 |  | 33.88 |  | 0.3840 |  | 13,798,485 |  |
| 1987 | 26,060,339.11 |  | 55.00 |  | 1.82 |  | 758,877.07 |  | 34.44 |  | 0.3738 |  | 15,587,002 |  |
| 1988 | 34,010,050.53 |  | 55.00 |  | 1.82 |  | 990,372.67 |  | 35.01 |  | 0.3635 |  | 19,777,525 |  |
| 1989 | 40,561,898.21 |  | 55.00 |  | 1.82 |  | 1,181,162.48 |  | 35.57 |  | 0.3533 |  | 22,926,883 |  |
| 1990 | 44,109,908.47 |  | 55.00 |  | 1.82 |  | 1,284,480.53 |  | 36.14 |  | 0.3429 |  | 24,201,166 |  |
| 1991 | 37,122,814.22 |  | 55.00 |  | 1.82 |  | 1,081,016.35 |  | 36.71 |  | 0.3326 |  | 19,752,307 |  |
| 1992 | 33,038,022.12 |  | 55.00 |  | 1.82 |  | 962,067.20 |  | 37.29 |  | 0.3220 |  | 17,021,189 |  |
| 1993 | 40,603,298.40 |  | 55.00 |  | 1.82 |  | 1,182,368.05 |  | 37.86 |  | 0.3116 |  | 20,245,779 |  |
| 1994 | 29,937,523.96 |  | 55.00 |  | 1.82 |  | 871,780.70 |  | 38.44 |  | 0.3011 |  | 14,422,223 |  |
| 1995 | 27,137,788.70 |  | 55.00 |  | 1.82 |  | 790,252.41 |  | 39.03 |  | 0.2904 |  | 12,607,565 |  |
| 1996 | 23,592,180.30 |  | 55.00 |  | 1.82 |  | 687,004.29 |  | 39.61 |  | 0.2798 |  | 10,562,502 |  |
| 1997 | 25,033,689.72 |  | 55.00 |  | 1.82 |  | 728,981.04 |  | 40.20 |  | 0.2691 |  | 10,778,105 |  |
| 1998 | 30,076,124.80 |  | 55.00 |  | 1.82 |  | 875,816.75 |  | 40.78 |  | 0.2586 |  | 12,441,891 |  |
| 1999 | 29,155,196.35 |  | 55.00 |  | 1.82 |  | 848,999.32 |  | 41.37 |  | 0.2478 |  | 11,560,385 |  |
| 2000 | 35,180,738.21 |  | 55.00 |  | 1.82 |  | 1,024,463.10 |  | 41.96 |  | 0.2371 |  | 13,345,602 |  |
| 2001 | 29,389,149.36 |  | 55.00 |  | 1.82 |  | 855,812.03 |  | 42.56 |  | 0.2262 |  | 10,635,580 |  |
| 2002 | 36,259,601.70 |  | 55.00 |  | 1.82 |  | 1,055,879.60 |  | 43.15 |  | 0.2155 |  | 12,499,410 |  |
| 2003 | 49,173,948.74 |  | 55.00 |  | 1.82 |  | 1,431,945.39 |  | 43.75 |  | 0.2046 |  | 16,093,650 |  |
| 2004 | 45,712,301.24 |  | 55.00 |  | 1.82 |  | 1,331,142.21 |  | 44.34 |  | 0.1938 |  | 14,175,933 |  |
| 2005 | 54,137,402.01 |  | 55.00 |  | 1.82 |  | 1,576,481.15 |  | 44.94 |  | 0.1829 |  | 15,843,636 |  |
| 2006 | 65,860,314.08 |  | 55.00 |  | 1.82 |  | 1,917,852.35 |  | 45.54 |  | 0.1720 |  | 18,124,758 |  |
| 2007 | 48,686,361.14 |  | 55.00 |  | 1.82 |  | 1,417,746.84 |  | 46.14 |  | 0.1611 |  | 12,548,617 |  |
| 2008 | 43,822,829.30 |  | 55.00 |  | 1.82 |  | 1,276,120.79 |  | 46.74 |  | 0.1502 |  | 10,530,100 |  |
| 2009 | 43,285,363.70 |  | 55.00 |  | 1.82 |  | 1,260,469.79 |  | 47.35 |  | 0.1391 |  | 9,632,898 |  |
| 2010 | 42,137,975.69 |  | 55.00 |  | 1.82 |  | 1,227,057.85 |  | 47.95 |  | 0.1282 |  | 8,641,993 |  |
| 2011 | 53,206,624.96 |  | 55.00 |  | 1.82 |  | 1,549,376.92 |  | 48.56 |  | 0.1171 |  | 9,967,942 |  |
| 2012 | 54,376,639.80 |  | 55.00 |  | 1.82 |  | 1,583,447.75 |  | 49.16 |  | 0.1062 |  | 9,237,939 |  |
| 2013 | 81,979,129.34 |  | 55.00 |  | 1.82 |  | 2,387,232.25 |  | 49.77 |  | 0.0951 |  | 12,472,633 |  |
| 2014 | 132,993,240.59 |  | 55.00 |  | 1.82 |  | 3,872,763.17 |  | 50.38 |  | 0.0840 |  | 17,874,292 |  |
| 2015 | 277,161,408.80 |  | 55.00 |  | 1.82 |  | 8,070,940.22 |  | 50.99 |  | 0.0729 |  | 32,332,541 |  |
| 2016 | 319,755,994.03 |  | 55.00 |  | 1.82 |  | 9,311,294.55 |  | 51.60 |  | 0.0618 |  | 31,627,705 |  |
| 2017 | 349,011,242.59 |  | 55.00 |  | 1.82 |  | 10,163,207.38 |  | 52.22 |  | 0.0506 |  | 28,228,029 |  |
| 2018 | 419,201,368.77 |  | 55.00 |  | 1.82 |  | 12,207,143.86 |  | 52.83 |  | 0.0395 |  | 26,459,990 |  |
| 2019 | 328,703,918.40 |  | 55.00 |  | 1.82 |  | 9,571,858.10 |  | 53.45 |  | 0.0282 |  | 14,820,602 |  |
| 2020 | 482,350,958.59 |  | 55.00 |  | 1.82 |  | 14,046,059.91 |  | 54.07 |  | 0.0169 |  | 13,050,488 |  |
| 2021 | 437,254,116.65 |  | 55.00 |  | 1.82 |  | 12,732,839.88 |  | 54.69 |  | 0.0056 |  | 3,945,781 |  |
|  | | | | | | | | | | | | | | |
|  | 4,102,150,835.62 |  |  | | | | 119,454,632.33 |  |  | | | | 738,446,845 |  |
|  | | | | | | | | | | | | | | |
|  | COMPOSITE ANNUAL ACCRUAL RATE, PERCENT .. 2.91 | | | | | | | | | | |  | | |

| SURVIVOR CURVE.. IOWA 46-L0.5 | | | | | | | | | | | | | | |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| NET SALVAGE PERCENT.. 0 | | | | | | | | | | | | | | |
|  | | | | | | | | | | | | | | |
| 1949 | 1,419.11 |  | 46.00 |  | 2.17 |  | 30.79 |  | 17.17 |  | 0.6267 |  | 889 |  |
| 1950 | 36,495.11 |  | 46.00 |  | 2.17 |  | 791.94 |  | 17.39 |  | 0.6220 |  | 22,698 |  |
| 1951 | 53,363.70 |  | 46.00 |  | 2.17 |  | 1,157.99 |  | 17.61 |  | 0.6172 |  | 32,934 |  |
| 1952 | 89,399.77 |  | 46.00 |  | 2.17 |  | 1,939.98 |  | 17.83 |  | 0.6124 |  | 54,748 |  |
| 1953 | 84,428.60 |  | 46.00 |  | 2.17 |  | 1,832.10 |  | 18.06 |  | 0.6074 |  | 51,281 |  |
| 1954 | 134,579.06 |  | 46.00 |  | 2.17 |  | 2,920.37 |  | 18.29 |  | 0.6024 |  | 81,069 |  |
| 1955 | 171,318.04 |  | 46.00 |  | 2.17 |  | 3,717.60 |  | 18.52 |  | 0.5974 |  | 102,344 |  |
| 1956 | 190,129.23 |  | 46.00 |  | 2.17 |  | 4,125.80 |  | 18.75 |  | 0.5924 |  | 112,631 |  |
| 1957 | 157,466.45 |  | 46.00 |  | 2.17 |  | 3,417.02 |  | 18.99 |  | 0.5872 |  | 92,460 |  |
| 1958 | 188,931.26 |  | 46.00 |  | 2.17 |  | 4,099.81 |  | 19.23 |  | 0.5820 |  | 109,950 |  |
| 1959 | 253,523.54 |  | 46.00 |  | 2.17 |  | 5,501.46 |  | 19.48 |  | 0.5765 |  | 146,161 |  |
| 1960 | 35,587.23 |  | 46.00 |  | 2.17 |  | 772.24 |  | 19.72 |  | 0.5713 |  | 20,331 |  |
| 1961 | 68,732.54 |  | 46.00 |  | 2.17 |  | 1,491.50 |  | 19.97 |  | 0.5659 |  | 38,894 |  |
| 1962 | 82,760.96 |  | 46.00 |  | 2.17 |  | 1,795.91 |  | 20.23 |  | 0.5602 |  | 46,364 |  |
| 1963 | 82,220.28 |  | 46.00 |  | 2.17 |  | 1,784.18 |  | 20.48 |  | 0.5548 |  | 45,614 |  |
| 1964 | 50,575.08 |  | 46.00 |  | 2.17 |  | 1,097.48 |  | 20.74 |  | 0.5491 |  | 27,772 |  |
| 1965 | 49,076.13 |  | 46.00 |  | 2.17 |  | 1,064.95 |  | 21.00 |  | 0.5435 |  | 26,672 |  |
| 1966 | 32,050.83 |  | 46.00 |  | 2.17 |  | 695.50 |  | 21.27 |  | 0.5376 |  | 17,231 |  |
| 1967 | 47,966.34 |  | 46.00 |  | 2.17 |  | 1,040.87 |  | 21.54 |  | 0.5317 |  | 25,506 |  |
| 1968 | 60,072.70 |  | 46.00 |  | 2.17 |  | 1,303.58 |  | 21.81 |  | 0.5259 |  | 31,590 |  |
| 1969 | 1,412,363.81 |  | 46.00 |  | 2.17 |  | 30,648.29 |  | 22.09 |  | 0.5198 |  | 734,118 |  |
| 1970 | 3,314,404.58 |  | 46.00 |  | 2.17 |  | 71,922.58 |  | 22.36 |  | 0.5139 |  | 1,703,306 |  |
| 1971 | 2,713,217.60 |  | 46.00 |  | 2.17 |  | 58,876.82 |  | 22.65 |  | 0.5076 |  | 1,377,256 |  |
| 1972 | 3,817,110.11 |  | 46.00 |  | 2.17 |  | 82,831.29 |  | 22.93 |  | 0.5015 |  | 1,914,357 |  |
| 1973 | 3,954,985.39 |  | 46.00 |  | 2.17 |  | 85,823.18 |  | 23.22 |  | 0.4952 |  | 1,958,588 |  |
| 1974 | 3,826,583.75 |  | 46.00 |  | 2.17 |  | 83,036.87 |  | 23.51 |  | 0.4889 |  | 1,870,855 |  |
| 1975 | 4,559,290.60 |  | 46.00 |  | 2.17 |  | 98,936.61 |  | 23.81 |  | 0.4824 |  | 2,199,356 |  |
| 1976 | 3,687,861.10 |  | 46.00 |  | 2.17 |  | 80,026.59 |  | 24.11 |  | 0.4759 |  | 1,754,942 |  |
| 1977 | 3,396,224.35 |  | 46.00 |  | 2.17 |  | 73,698.07 |  | 24.41 |  | 0.4694 |  | 1,594,018 |  |
| 1978 | 2,148,952.13 |  | 46.00 |  | 2.17 |  | 46,632.26 |  | 24.72 |  | 0.4626 |  | 994,127 |  |
| 1979 | 5,035,111.65 |  | 46.00 |  | 2.17 |  | 109,261.92 |  | 25.03 |  | 0.4559 |  | 2,295,356 |  |
| 1980 | 7,290,246.93 |  | 46.00 |  | 2.17 |  | 158,198.36 |  | 25.34 |  | 0.4491 |  | 3,274,269 |  |
| 1981 | 5,726,414.20 |  | 46.00 |  | 2.17 |  | 124,263.19 |  | 25.66 |  | 0.4422 |  | 2,532,049 |  |
| 1982 | 4,881,786.06 |  | 46.00 |  | 2.17 |  | 105,934.76 |  | 25.98 |  | 0.4352 |  | 2,124,651 |  |
| 1983 | 10,029,602.54 |  | 46.00 |  | 2.17 |  | 217,642.38 |  | 26.31 |  | 0.4280 |  | 4,293,071 |  |
| 1984 | 11,137,944.27 |  | 46.00 |  | 2.17 |  | 241,693.39 |  | 26.64 |  | 0.4209 |  | 4,687,627 |  |
| 1985 | 12,161,432.43 |  | 46.00 |  | 2.17 |  | 263,903.08 |  | 26.97 |  | 0.4137 |  | 5,031,185 |  |
| 1986 | 16,412,980.77 |  | 46.00 |  | 2.17 |  | 356,161.68 |  | 27.31 |  | 0.4063 |  | 6,668,594 |  |
| 1987 | 17,231,217.93 |  | 46.00 |  | 2.17 |  | 373,917.43 |  | 27.65 |  | 0.3989 |  | 6,873,705 |  |
| 1988 | 21,683,863.46 |  | 46.00 |  | 2.17 |  | 470,539.84 |  | 28.00 |  | 0.3913 |  | 8,484,896 |  |
| 1989 | 28,316,677.14 |  | 46.00 |  | 2.17 |  | 614,471.89 |  | 28.35 |  | 0.3837 |  | 10,865,109 |  |
| 1990 | 33,444,329.15 |  | 46.00 |  | 2.17 |  | 725,741.94 |  | 28.70 |  | 0.3761 |  | 12,578,078 |  |
| 1991 | 25,239,335.77 |  | 46.00 |  | 2.17 |  | 547,693.59 |  | 29.06 |  | 0.3683 |  | 9,294,638 |  |
| 1992 | 22,731,968.84 |  | 46.00 |  | 2.17 |  | 493,283.72 |  | 29.42 |  | 0.3604 |  | 8,193,284 |  |
| 1993 | 23,529,284.85 |  | 46.00 |  | 2.17 |  | 510,585.48 |  | 29.79 |  | 0.3524 |  | 8,291,485 |  |
| 1994 | 25,003,357.60 |  | 46.00 |  | 2.17 |  | 542,572.86 |  | 30.16 |  | 0.3444 |  | 8,609,906 |  |
| 1995 | 27,583,964.35 |  | 46.00 |  | 2.17 |  | 598,572.03 |  | 30.54 |  | 0.3361 |  | 9,270,695 |  |
| 1996 | 29,741,713.19 |  | 46.00 |  | 2.17 |  | 645,395.18 |  | 30.92 |  | 0.3278 |  | 9,750,226 |  |
| 1997 | 32,256,670.75 |  | 46.00 |  | 2.17 |  | 699,969.76 |  | 31.32 |  | 0.3191 |  | 10,294,071 |  |
| 1998 | 38,368,244.48 |  | 46.00 |  | 2.17 |  | 832,590.91 |  | 31.72 |  | 0.3104 |  | 11,910,654 |  |
| 1999 | 40,697,924.99 |  | 46.00 |  | 2.17 |  | 883,144.97 |  | 32.13 |  | 0.3015 |  | 12,271,238 |  |
| 2000 | 57,758,612.97 |  | 46.00 |  | 2.17 |  | 1,253,361.90 |  | 32.55 |  | 0.2924 |  | 16,888,041 |  |
| 2001 | 56,962,238.00 |  | 46.00 |  | 2.17 |  | 1,236,080.56 |  | 32.98 |  | 0.2830 |  | 16,122,592 |  |
| 2002 | 65,003,477.15 |  | 46.00 |  | 2.17 |  | 1,410,575.45 |  | 33.43 |  | 0.2733 |  | 17,762,850 |  |
| 2003 | 68,194,705.71 |  | 46.00 |  | 2.17 |  | 1,479,825.11 |  | 33.90 |  | 0.2630 |  | 17,937,935 |  |
| 2004 | 65,913,392.84 |  | 46.00 |  | 2.17 |  | 1,430,320.62 |  | 34.38 |  | 0.2526 |  | 16,650,382 |  |
| 2005 | 78,920,799.27 |  | 46.00 |  | 2.17 |  | 1,712,581.34 |  | 34.87 |  | 0.2420 |  | 19,095,677 |  |
| 2006 | 103,223,811.01 |  | 46.00 |  | 2.17 |  | 2,239,956.70 |  | 35.39 |  | 0.2307 |  | 23,808,572 |  |
| 2007 | 104,419,652.92 |  | 46.00 |  | 2.17 |  | 2,265,906.47 |  | 35.92 |  | 0.2191 |  | 22,881,479 |  |
| 2008 | 78,686,436.82 |  | 46.00 |  | 2.17 |  | 1,707,495.68 |  | 36.47 |  | 0.2072 |  | 16,301,469 |  |
| 2009 | 62,197,392.86 |  | 46.00 |  | 2.17 |  | 1,349,683.43 |  | 37.04 |  | 0.1948 |  | 12,114,808 |  |
| 2010 | 45,933,008.90 |  | 46.00 |  | 2.17 |  | 996,746.29 |  | 37.63 |  | 0.1820 |  | 8,357,970 |  |
| 2011 | 70,568,952.58 |  | 46.00 |  | 2.17 |  | 1,531,346.27 |  | 38.24 |  | 0.1687 |  | 11,904,982 |  |
| 2012 | 73,869,274.18 |  | 46.00 |  | 2.17 |  | 1,602,963.25 |  | 38.87 |  | 0.1550 |  | 11,449,737 |  |
| 2013 | 78,150,094.94 |  | 46.00 |  | 2.17 |  | 1,695,857.06 |  | 39.52 |  | 0.1409 |  | 11,009,004 |  |
| 2014 | 93,409,782.46 |  | 46.00 |  | 2.17 |  | 2,026,992.28 |  | 40.19 |  | 0.1263 |  | 11,797,656 |  |
| 2015 | 119,812,294.83 |  | 46.00 |  | 2.17 |  | 2,599,926.80 |  | 40.88 |  | 0.1113 |  | 13,335,108 |  |
| 2016 | 127,881,477.59 |  | 46.00 |  | 2.17 |  | 2,775,028.06 |  | 41.59 |  | 0.0959 |  | 12,259,997 |  |
| 2017 | 118,540,880.68 |  | 46.00 |  | 2.17 |  | 2,572,337.11 |  | 42.32 |  | 0.0800 |  | 9,483,270 |  |
| 2018 | 160,867,579.44 |  | 46.00 |  | 2.17 |  | 3,490,826.47 |  | 43.08 |  | 0.0635 |  | 10,211,874 |  |
| 2019 | 180,212,978.73 |  | 46.00 |  | 2.17 |  | 3,910,621.64 |  | 43.87 |  | 0.0463 |  | 8,343,861 |  |
| 2020 | 243,335,909.38 |  | 46.00 |  | 2.17 |  | 5,280,389.23 |  | 44.69 |  | 0.0285 |  | 6,930,207 |  |
| 2021 | 275,224,588.19 |  | 46.00 |  | 2.17 |  | 5,972,373.56 |  | 45.55 |  | 0.0098 |  | 2,691,696 |  |
|  | | | | | | | | | | | | | | |
|  | 2,802,292,502.18 |  |  | | | | 60,809,747.27 |  |  | | | | 472,122,016 |  |
|  | | | | | | | | | | | | | | |
|  | COMPOSITE ANNUAL ACCRUAL RATE, PERCENT .. 2.17 | | | | | | | | | | |  | | |

| SURVIVOR CURVE.. IOWA 45-L1 | | | | | | | | | | | | | | |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| NET SALVAGE PERCENT.. 0 | | | | | | | | | | | | | | |
|  | | | | | | | | | | | | | | |
| 1941 | 0.51 |  | 45.00 |  | 2.22 |  | 0.01 |  | 11.70 |  | 0.7400 |  |  |  |
| 1942 | 5.75 |  | 45.00 |  | 2.22 |  | 0.13 |  | 11.93 |  | 0.7349 |  | 4 |  |
| 1944 | 8.87 |  | 45.00 |  | 2.22 |  | 0.20 |  | 12.38 |  | 0.7249 |  | 6 |  |
| 1945 | 162.11 |  | 45.00 |  | 2.22 |  | 3.60 |  | 12.61 |  | 0.7198 |  | 117 |  |
| 1946 | 19.38 |  | 45.00 |  | 2.22 |  | 0.43 |  | 12.84 |  | 0.7147 |  | 14 |  |
| 1947 | 62.95 |  | 45.00 |  | 2.22 |  | 1.40 |  | 13.07 |  | 0.7096 |  | 45 |  |
| 1948 | 14.47 |  | 45.00 |  | 2.22 |  | 0.32 |  | 13.31 |  | 0.7042 |  | 10 |  |
| 1949 | 2,244.92 |  | 45.00 |  | 2.22 |  | 49.84 |  | 13.55 |  | 0.6989 |  | 1,569 |  |
| 1950 | 359.27 |  | 45.00 |  | 2.22 |  | 7.98 |  | 13.79 |  | 0.6936 |  | 249 |  |
| 1951 | 5,155.48 |  | 45.00 |  | 2.22 |  | 114.45 |  | 14.03 |  | 0.6882 |  | 3,548 |  |
| 1952 | 866.29 |  | 45.00 |  | 2.22 |  | 19.23 |  | 14.27 |  | 0.6829 |  | 592 |  |
| 1953 | 1,533.39 |  | 45.00 |  | 2.22 |  | 34.04 |  | 14.52 |  | 0.6773 |  | 1,039 |  |
| 1954 | 204.72 |  | 45.00 |  | 2.22 |  | 4.54 |  | 14.77 |  | 0.6718 |  | 138 |  |
| 1955 | 2,708.48 |  | 45.00 |  | 2.22 |  | 60.13 |  | 15.02 |  | 0.6662 |  | 1,804 |  |
| 1956 | 2,388.65 |  | 45.00 |  | 2.22 |  | 53.03 |  | 15.27 |  | 0.6607 |  | 1,578 |  |
| 1957 | 1,491.26 |  | 45.00 |  | 2.22 |  | 33.11 |  | 15.53 |  | 0.6549 |  | 977 |  |
| 1958 | 4,952.75 |  | 45.00 |  | 2.22 |  | 109.95 |  | 15.78 |  | 0.6493 |  | 3,216 |  |
| 1959 | 11,825.95 |  | 45.00 |  | 2.22 |  | 262.54 |  | 16.05 |  | 0.6433 |  | 7,608 |  |
| 1960 | 578,867.35 |  | 45.00 |  | 2.22 |  | 12,850.86 |  | 16.31 |  | 0.6376 |  | 369,063 |  |
| 1961 | 176,654.57 |  | 45.00 |  | 2.22 |  | 3,921.73 |  | 16.57 |  | 0.6318 |  | 111,607 |  |
| 1962 | 220,788.32 |  | 45.00 |  | 2.22 |  | 4,901.50 |  | 16.84 |  | 0.6258 |  | 138,165 |  |
| 1963 | 229,546.06 |  | 45.00 |  | 2.22 |  | 5,095.92 |  | 17.12 |  | 0.6196 |  | 142,218 |  |
| 1964 | 397,093.73 |  | 45.00 |  | 2.22 |  | 8,815.48 |  | 17.39 |  | 0.6136 |  | 243,641 |  |
| 1965 | 18,800.65 |  | 45.00 |  | 2.22 |  | 417.37 |  | 17.67 |  | 0.6073 |  | 11,418 |  |
| 1966 | 194,906.70 |  | 45.00 |  | 2.22 |  | 4,326.93 |  | 17.95 |  | 0.6011 |  | 117,160 |  |
| 1967 | 568,768.25 |  | 45.00 |  | 2.22 |  | 12,626.66 |  | 18.23 |  | 0.5949 |  | 338,355 |  |
| 1968 | 294,765.32 |  | 45.00 |  | 2.22 |  | 6,543.79 |  | 18.51 |  | 0.5887 |  | 173,520 |  |
| 1969 | 633,158.59 |  | 45.00 |  | 2.22 |  | 14,056.12 |  | 18.80 |  | 0.5822 |  | 368,638 |  |
| 1970 | 4,122,504.26 |  | 45.00 |  | 2.22 |  | 91,519.59 |  | 19.10 |  | 0.5756 |  | 2,372,749 |  |
| 1971 | 2,182,917.61 |  | 45.00 |  | 2.22 |  | 48,460.77 |  | 19.39 |  | 0.5691 |  | 1,242,320 |  |
| 1972 | 2,397,574.25 |  | 45.00 |  | 2.22 |  | 53,226.15 |  | 19.69 |  | 0.5624 |  | 1,348,492 |  |
| 1973 | 7,041,713.21 |  | 45.00 |  | 2.22 |  | 156,326.03 |  | 19.99 |  | 0.5558 |  | 3,913,643 |  |
| 1974 | 7,682,086.54 |  | 45.00 |  | 2.22 |  | 170,542.32 |  | 20.30 |  | 0.5489 |  | 4,216,620 |  |
| 1975 | 10,457,296.47 |  | 45.00 |  | 2.22 |  | 232,151.98 |  | 20.60 |  | 0.5422 |  | 5,670,155 |  |
| 1976 | 7,276,590.92 |  | 45.00 |  | 2.22 |  | 161,540.32 |  | 20.92 |  | 0.5351 |  | 3,893,777 |  |
| 1977 | 9,749,233.69 |  | 45.00 |  | 2.22 |  | 216,432.99 |  | 21.23 |  | 0.5282 |  | 5,149,740 |  |
| 1978 | 12,229,898.43 |  | 45.00 |  | 2.22 |  | 271,503.75 |  | 21.55 |  | 0.5211 |  | 6,373,122 |  |
| 1979 | 27,655,104.45 |  | 45.00 |  | 2.22 |  | 613,943.32 |  | 21.87 |  | 0.5140 |  | 14,214,724 |  |
| 1980 | 30,704,432.64 |  | 45.00 |  | 2.22 |  | 681,638.40 |  | 22.20 |  | 0.5067 |  | 15,557,015 |  |
| 1981 | 22,081,303.89 |  | 45.00 |  | 2.22 |  | 490,204.95 |  | 22.53 |  | 0.4993 |  | 11,025,857 |  |
| 1982 | 11,559,463.34 |  | 45.00 |  | 2.22 |  | 256,620.09 |  | 22.86 |  | 0.4920 |  | 5,687,256 |  |
| 1983 | 21,761,747.07 |  | 45.00 |  | 2.22 |  | 483,110.78 |  | 23.20 |  | 0.4844 |  | 10,542,261 |  |
| 1984 | 28,226,804.70 |  | 45.00 |  | 2.22 |  | 626,635.06 |  | 23.54 |  | 0.4769 |  | 13,461,081 |  |
| 1985 | 22,058,819.92 |  | 45.00 |  | 2.22 |  | 489,705.80 |  | 23.89 |  | 0.4691 |  | 10,348,013 |  |
| 1986 | 9,474,373.52 |  | 45.00 |  | 2.22 |  | 210,331.09 |  | 24.24 |  | 0.4613 |  | 4,370,813 |  |
| 1987 | 3,920,050.80 |  | 45.00 |  | 2.22 |  | 87,025.13 |  | 24.59 |  | 0.4536 |  | 1,777,978 |  |
| 1988 | 2,357,953.68 |  | 45.00 |  | 2.22 |  | 52,346.57 |  | 24.95 |  | 0.4456 |  | 1,050,610 |  |
| 1989 | 4,797,803.75 |  | 45.00 |  | 2.22 |  | 106,511.24 |  | 25.31 |  | 0.4376 |  | 2,099,327 |  |
| 1990 | 5,936,116.34 |  | 45.00 |  | 2.22 |  | 131,781.78 |  | 25.68 |  | 0.4293 |  | 2,548,553 |  |
| 1991 | 4,468,948.71 |  | 45.00 |  | 2.22 |  | 99,210.66 |  | 26.05 |  | 0.4211 |  | 1,881,919 |  |
| 1992 | 4,155,159.81 |  | 45.00 |  | 2.22 |  | 92,244.55 |  | 26.43 |  | 0.4127 |  | 1,714,710 |  |
| 1993 | 5,254,158.51 |  | 45.00 |  | 2.22 |  | 116,642.32 |  | 26.81 |  | 0.4042 |  | 2,123,836 |  |
| 1994 | 7,518,420.31 |  | 45.00 |  | 2.22 |  | 166,908.93 |  | 27.19 |  | 0.3958 |  | 2,975,640 |  |
| 1995 | 8,101,561.06 |  | 45.00 |  | 2.22 |  | 179,854.66 |  | 27.58 |  | 0.3871 |  | 3,136,195 |  |
| 1996 | 7,299,465.90 |  | 45.00 |  | 2.22 |  | 162,048.14 |  | 27.98 |  | 0.3782 |  | 2,760,804 |  |
| 1997 | 9,326,714.15 |  | 45.00 |  | 2.22 |  | 207,053.05 |  | 28.39 |  | 0.3691 |  | 3,442,583 |  |
| 1998 | 8,180,804.36 |  | 45.00 |  | 2.22 |  | 181,613.86 |  | 28.80 |  | 0.3600 |  | 2,945,090 |  |
| 1999 | 12,718,106.48 |  | 45.00 |  | 2.22 |  | 282,341.96 |  | 29.24 |  | 0.3502 |  | 4,454,135 |  |
| 2000 | 16,304,252.83 |  | 45.00 |  | 2.22 |  | 361,954.41 |  | 29.69 |  | 0.3402 |  | 5,547,033 |  |
| 2001 | 20,127,320.49 |  | 45.00 |  | 2.22 |  | 446,826.51 |  | 30.15 |  | 0.3300 |  | 6,642,016 |  |
| 2002 | 18,347,373.06 |  | 45.00 |  | 2.22 |  | 407,311.68 |  | 30.64 |  | 0.3191 |  | 5,854,830 |  |
| 2003 | 14,405,661.22 |  | 45.00 |  | 2.22 |  | 319,805.68 |  | 31.15 |  | 0.3078 |  | 4,433,774 |  |
| 2004 | 12,357,521.68 |  | 45.00 |  | 2.22 |  | 274,336.98 |  | 31.68 |  | 0.2960 |  | 3,657,826 |  |
| 2005 | 18,009,278.14 |  | 45.00 |  | 2.22 |  | 399,805.97 |  | 32.23 |  | 0.2838 |  | 5,110,673 |  |
| 2006 | 19,351,933.48 |  | 45.00 |  | 2.22 |  | 429,612.92 |  | 32.81 |  | 0.2709 |  | 5,242,245 |  |
| 2007 | 21,760,470.92 |  | 45.00 |  | 2.22 |  | 483,082.45 |  | 33.42 |  | 0.2573 |  | 5,599,622 |  |
| 2008 | 14,573,622.33 |  | 45.00 |  | 2.22 |  | 323,534.42 |  | 34.05 |  | 0.2433 |  | 3,546,200 |  |
| 2009 | 14,209,126.95 |  | 45.00 |  | 2.22 |  | 315,442.62 |  | 34.71 |  | 0.2287 |  | 3,249,201 |  |
| 2010 | 10,852,633.30 |  | 45.00 |  | 2.22 |  | 240,928.46 |  | 35.40 |  | 0.2133 |  | 2,315,192 |  |
| 2011 | 22,699,870.18 |  | 45.00 |  | 2.22 |  | 503,937.12 |  | 36.11 |  | 0.1976 |  | 4,484,586 |  |
| 2012 | 17,985,833.77 |  | 45.00 |  | 2.22 |  | 399,285.51 |  | 36.84 |  | 0.1813 |  | 3,261,371 |  |
| 2013 | 20,358,078.41 |  | 45.00 |  | 2.22 |  | 451,949.34 |  | 37.61 |  | 0.1642 |  | 3,343,204 |  |
| 2014 | 24,074,347.16 |  | 45.00 |  | 2.22 |  | 534,450.51 |  | 38.40 |  | 0.1467 |  | 3,530,984 |  |
| 2015 | 20,086,888.35 |  | 45.00 |  | 2.22 |  | 445,928.92 |  | 39.21 |  | 0.1287 |  | 2,584,580 |  |
| 2016 | 23,472,980.18 |  | 45.00 |  | 2.22 |  | 521,100.16 |  | 40.05 |  | 0.1100 |  | 2,582,028 |  |
| 2017 | 27,270,312.50 |  | 45.00 |  | 2.22 |  | 605,400.94 |  | 40.91 |  | 0.0909 |  | 2,478,599 |  |
| 2018 | 48,665,372.82 |  | 45.00 |  | 2.22 |  | 1,080,371.28 |  | 41.78 |  | 0.0716 |  | 3,482,494 |  |
| 2019 | 68,961,093.02 |  | 45.00 |  | 2.22 |  | 1,530,936.27 |  | 42.68 |  | 0.0516 |  | 3,555,634 |  |
| 2020 | 66,685,255.18 |  | 45.00 |  | 2.22 |  | 1,480,412.66 |  | 43.60 |  | 0.0311 |  | 2,074,578 |  |
| 2021 | 72,020,895.64 |  | 45.00 |  | 2.22 |  | 1,598,863.88 |  | 44.53 |  | 0.0104 |  | 751,898 |  |
|  | | | | | | | | | | | | | | |
|  | 916,624,605.12 |  |  | | | | 20,349,066.22 |  |  | | | | 237,663,885 |  |
|  | | | | | | | | | | | | | | |
|  | COMPOSITE ANNUAL ACCRUAL RATE, PERCENT .. 2.22 | | | | | | | | | | |  | | |

| SURVIVOR CURVE.. IOWA 56-R1 | | | | | | | | | | | | | | |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| NET SALVAGE PERCENT.. -85 | | | | | | | | | | | | | | |
|  | | | | | | | | | | | | | | |
| 1918 | 7.42 |  | 56.00 |  | 1.79 |  | 0.25 |  | 3.02 |  | 0.9461 |  | 13 |  |
| 1919 | 27.82 |  | 56.00 |  | 1.79 |  | 0.92 |  | 3.33 |  | 0.9405 |  | 48 |  |
| 1920 | 29.22 |  | 56.00 |  | 1.79 |  | 0.97 |  | 3.64 |  | 0.9350 |  | 51 |  |
| 1921 | 41.75 |  | 56.00 |  | 1.79 |  | 1.38 |  | 3.94 |  | 0.9296 |  | 72 |  |
| 1922 | 38.97 |  | 56.00 |  | 1.79 |  | 1.29 |  | 4.24 |  | 0.9243 |  | 67 |  |
| 1923 | 41.76 |  | 56.00 |  | 1.79 |  | 1.38 |  | 4.54 |  | 0.9189 |  | 71 |  |
| 1924 | 31.33 |  | 56.00 |  | 1.79 |  | 1.04 |  | 4.83 |  | 0.9138 |  | 53 |  |
| 1925 | 79.08 |  | 56.00 |  | 1.79 |  | 2.62 |  | 5.13 |  | 0.9084 |  | 133 |  |
| 1926 | 196.81 |  | 56.00 |  | 1.79 |  | 6.52 |  | 5.43 |  | 0.9030 |  | 329 |  |
| 1927 | 537.08 |  | 56.00 |  | 1.79 |  | 17.79 |  | 5.73 |  | 0.8977 |  | 892 |  |
| 1928 | 537.92 |  | 56.00 |  | 1.79 |  | 17.81 |  | 6.03 |  | 0.8923 |  | 888 |  |
| 1929 | 588.03 |  | 56.00 |  | 1.79 |  | 19.47 |  | 6.34 |  | 0.8868 |  | 965 |  |
| 1930 | 584.45 |  | 56.00 |  | 1.79 |  | 19.35 |  | 6.65 |  | 0.8813 |  | 953 |  |
| 1931 | 925.35 |  | 56.00 |  | 1.79 |  | 30.64 |  | 6.96 |  | 0.8757 |  | 1,499 |  |
| 1932 | 850.34 |  | 56.00 |  | 1.79 |  | 28.16 |  | 7.28 |  | 0.8700 |  | 1,369 |  |
| 1933 | 743.48 |  | 56.00 |  | 1.79 |  | 24.62 |  | 7.60 |  | 0.8643 |  | 1,189 |  |
| 1934 | 991.86 |  | 56.00 |  | 1.79 |  | 32.85 |  | 7.93 |  | 0.8584 |  | 1,575 |  |
| 1935 | 1,324.16 |  | 56.00 |  | 1.79 |  | 43.85 |  | 8.25 |  | 0.8527 |  | 2,089 |  |
| 1936 | 2,702.52 |  | 56.00 |  | 1.79 |  | 89.49 |  | 8.59 |  | 0.8466 |  | 4,233 |  |
| 1937 | 3,141.65 |  | 56.00 |  | 1.79 |  | 104.04 |  | 8.93 |  | 0.8405 |  | 4,885 |  |
| 1938 | 2,866.85 |  | 56.00 |  | 1.79 |  | 94.94 |  | 9.27 |  | 0.8345 |  | 4,426 |  |
| 1939 | 2,579.68 |  | 56.00 |  | 1.79 |  | 85.43 |  | 9.61 |  | 0.8284 |  | 3,953 |  |
| 1940 | 2,604.04 |  | 56.00 |  | 1.79 |  | 86.23 |  | 9.96 |  | 0.8221 |  | 3,961 |  |
| 1941 | 61,391.57 |  | 56.00 |  | 1.79 |  | 2,032.98 |  | 10.32 |  | 0.8157 |  | 92,644 |  |
| 1942 | 14,242.11 |  | 56.00 |  | 1.79 |  | 471.63 |  | 10.68 |  | 0.8093 |  | 21,323 |  |
| 1943 | 5,774.13 |  | 56.00 |  | 1.79 |  | 191.21 |  | 11.04 |  | 0.8029 |  | 8,576 |  |
| 1944 | 6,040.01 |  | 56.00 |  | 1.79 |  | 200.01 |  | 11.41 |  | 0.7963 |  | 8,897 |  |
| 1945 | 15,867.03 |  | 56.00 |  | 1.79 |  | 525.44 |  | 11.78 |  | 0.7896 |  | 23,179 |  |
| 1946 | 34,888.00 |  | 56.00 |  | 1.79 |  | 1,155.32 |  | 12.16 |  | 0.7829 |  | 50,528 |  |
| 1947 | 81,124.10 |  | 56.00 |  | 1.79 |  | 2,686.42 |  | 12.54 |  | 0.7761 |  | 116,472 |  |
| 1948 | 103,822.43 |  | 56.00 |  | 1.79 |  | 3,438.08 |  | 12.93 |  | 0.7691 |  | 147,724 |  |
| 1949 | 233,461.39 |  | 56.00 |  | 1.79 |  | 7,731.07 |  | 13.32 |  | 0.7621 |  | 329,171 |  |
| 1950 | 249,678.41 |  | 56.00 |  | 1.79 |  | 8,268.10 |  | 13.72 |  | 0.7550 |  | 348,738 |  |
| 1951 | 249,999.88 |  | 56.00 |  | 1.79 |  | 8,278.75 |  | 14.12 |  | 0.7479 |  | 345,885 |  |
| 1952 | 333,417.76 |  | 56.00 |  | 1.79 |  | 11,041.13 |  | 14.53 |  | 0.7405 |  | 456,782 |  |
| 1953 | 317,125.77 |  | 56.00 |  | 1.79 |  | 10,501.62 |  | 14.94 |  | 0.7332 |  | 430,162 |  |
| 1954 | 334,183.03 |  | 56.00 |  | 1.79 |  | 11,066.47 |  | 15.36 |  | 0.7257 |  | 448,662 |  |
| 1955 | 434,139.76 |  | 56.00 |  | 1.79 |  | 14,376.54 |  | 15.78 |  | 0.7182 |  | 576,837 |  |
| 1956 | 475,472.49 |  | 56.00 |  | 1.79 |  | 15,745.27 |  | 16.21 |  | 0.7105 |  | 625,008 |  |
| 1957 | 544,090.46 |  | 56.00 |  | 1.79 |  | 18,017.56 |  | 16.65 |  | 0.7027 |  | 707,295 |  |
| 1958 | 550,562.23 |  | 56.00 |  | 1.79 |  | 18,231.87 |  | 17.09 |  | 0.6948 |  | 707,702 |  |
| 1959 | 531,307.40 |  | 56.00 |  | 1.79 |  | 17,594.24 |  | 17.53 |  | 0.6870 |  | 675,226 |  |
| 1960 | 503,155.23 |  | 56.00 |  | 1.79 |  | 16,661.99 |  | 17.98 |  | 0.6789 |  | 631,973 |  |
| 1961 | 507,495.48 |  | 56.00 |  | 1.79 |  | 16,805.71 |  | 18.44 |  | 0.6707 |  | 629,707 |  |
| 1962 | 539,306.69 |  | 56.00 |  | 1.79 |  | 17,859.14 |  | 18.90 |  | 0.6625 |  | 660,988 |  |
| 1963 | 537,624.18 |  | 56.00 |  | 1.79 |  | 17,803.42 |  | 19.37 |  | 0.6541 |  | 650,581 |  |
| 1964 | 535,265.33 |  | 56.00 |  | 1.79 |  | 17,725.31 |  | 19.84 |  | 0.6457 |  | 639,408 |  |
| 1965 | 553,799.75 |  | 56.00 |  | 1.79 |  | 18,339.08 |  | 20.32 |  | 0.6371 |  | 652,769 |  |
| 1966 | 599,757.40 |  | 56.00 |  | 1.79 |  | 19,860.97 |  | 20.81 |  | 0.6284 |  | 697,231 |  |
| 1967 | 725,559.61 |  | 56.00 |  | 1.79 |  | 24,026.91 |  | 21.30 |  | 0.6196 |  | 831,734 |  |
| 1968 | 888,970.95 |  | 56.00 |  | 1.79 |  | 29,438.27 |  | 21.80 |  | 0.6107 |  | 1,004,371 |  |
| 1969 | 980,852.61 |  | 56.00 |  | 1.79 |  | 32,480.93 |  | 22.30 |  | 0.6018 |  | 1,091,994 |  |
| 1970 | 1,180,575.61 |  | 56.00 |  | 1.79 |  | 39,094.76 |  | 22.82 |  | 0.5925 |  | 1,294,058 |  |
| 1971 | 1,256,071.82 |  | 56.00 |  | 1.79 |  | 41,594.82 |  | 23.33 |  | 0.5834 |  | 1,355,643 |  |
| 1972 | 1,636,620.42 |  | 56.00 |  | 1.79 |  | 54,196.69 |  | 23.86 |  | 0.5739 |  | 1,737,715 |  |
| 1973 | 1,565,293.62 |  | 56.00 |  | 1.79 |  | 51,834.70 |  | 24.38 |  | 0.5646 |  | 1,635,081 |  |
| 1974 | 1,434,979.64 |  | 56.00 |  | 1.79 |  | 47,519.35 |  | 24.92 |  | 0.5550 |  | 1,473,365 |  |
| 1975 | 1,337,222.73 |  | 56.00 |  | 1.79 |  | 44,282.13 |  | 25.46 |  | 0.5454 |  | 1,349,145 |  |
| 1976 | 1,186,308.22 |  | 56.00 |  | 1.79 |  | 39,284.60 |  | 26.01 |  | 0.5355 |  | 1,175,334 |  |
| 1977 | 1,847,896.99 |  | 56.00 |  | 1.79 |  | 61,193.11 |  | 26.56 |  | 0.5257 |  | 1,797,197 |  |
| 1978 | 2,207,025.59 |  | 56.00 |  | 1.79 |  | 73,085.65 |  | 27.12 |  | 0.5157 |  | 2,105,643 |  |
| 1979 | 3,144,869.85 |  | 56.00 |  | 1.79 |  | 104,142.37 |  | 27.69 |  | 0.5055 |  | 2,941,236 |  |
| 1980 | 3,386,962.58 |  | 56.00 |  | 1.79 |  | 112,159.27 |  | 28.26 |  | 0.4954 |  | 3,103,867 |  |
| 1981 | 3,342,316.43 |  | 56.00 |  | 1.79 |  | 110,680.81 |  | 28.84 |  | 0.4850 |  | 2,998,893 |  |
| 1982 | 2,688,315.38 |  | 56.00 |  | 1.79 |  | 89,023.56 |  | 29.43 |  | 0.4745 |  | 2,359,672 |  |
| 1983 | 3,284,864.66 |  | 56.00 |  | 1.79 |  | 108,778.29 |  | 30.02 |  | 0.4639 |  | 2,819,302 |  |
| 1984 | 4,708,584.84 |  | 56.00 |  | 1.79 |  | 155,924.79 |  | 30.61 |  | 0.4534 |  | 3,949,427 |  |
| 1985 | 5,123,458.96 |  | 56.00 |  | 1.79 |  | 169,663.34 |  | 31.22 |  | 0.4425 |  | 4,194,192 |  |
| 1986 | 5,723,556.11 |  | 56.00 |  | 1.79 |  | 189,535.56 |  | 31.82 |  | 0.4318 |  | 4,572,042 |  |
| 1987 | 5,350,170.72 |  | 56.00 |  | 1.79 |  | 177,170.90 |  | 32.44 |  | 0.4207 |  | 4,164,110 |  |
| 1988 | 5,068,098.41 |  | 56.00 |  | 1.79 |  | 167,830.08 |  | 33.06 |  | 0.4096 |  | 3,840,777 |  |
| 1989 | 6,315,214.91 |  | 56.00 |  | 1.79 |  | 209,128.34 |  | 33.68 |  | 0.3986 |  | 4,656,552 |  |
| 1990 | 6,343,002.86 |  | 56.00 |  | 1.79 |  | 210,048.54 |  | 34.31 |  | 0.3873 |  | 4,545,028 |  |
| 1991 | 6,264,541.90 |  | 56.00 |  | 1.79 |  | 207,450.31 |  | 34.94 |  | 0.3761 |  | 4,358,427 |  |
| 1992 | 4,503,282.63 |  | 56.00 |  | 1.79 |  | 149,126.20 |  | 35.58 |  | 0.3646 |  | 3,037,842 |  |
| 1993 | 5,282,757.12 |  | 56.00 |  | 1.79 |  | 174,938.50 |  | 36.23 |  | 0.3530 |  | 3,450,295 |  |
| 1994 | 5,778,212.68 |  | 56.00 |  | 1.79 |  | 191,345.51 |  | 36.87 |  | 0.3416 |  | 3,651,706 |  |
| 1995 | 4,941,187.22 |  | 56.00 |  | 1.79 |  | 163,627.41 |  | 37.53 |  | 0.3298 |  | 3,014,949 |  |
| 1996 | 4,563,583.04 |  | 56.00 |  | 1.79 |  | 151,123.05 |  | 38.18 |  | 0.3182 |  | 2,686,529 |  |
| 1997 | 4,517,995.99 |  | 56.00 |  | 1.79 |  | 149,613.44 |  | 38.84 |  | 0.3064 |  | 2,561,232 |  |
| 1998 | 5,240,864.79 |  | 56.00 |  | 1.79 |  | 173,551.24 |  | 39.51 |  | 0.2945 |  | 2,854,966 |  |
| 1999 | 4,658,754.29 |  | 56.00 |  | 1.79 |  | 154,274.65 |  | 40.17 |  | 0.2827 |  | 2,436,333 |  |
| 2000 | 5,587,272.19 |  | 56.00 |  | 1.79 |  | 185,022.52 |  | 40.84 |  | 0.2707 |  | 2,798,181 |  |
| 2001 | 5,465,604.61 |  | 56.00 |  | 1.79 |  | 180,993.50 |  | 41.52 |  | 0.2586 |  | 2,614,497 |  |
| 2002 | 6,803,907.11 |  | 56.00 |  | 1.79 |  | 225,311.38 |  | 42.20 |  | 0.2464 |  | 3,101,871 |  |
| 2003 | 7,773,702.86 |  | 56.00 |  | 1.79 |  | 257,426.17 |  | 42.87 |  | 0.2345 |  | 3,371,851 |  |
| 2004 | 8,059,997.54 |  | 56.00 |  | 1.79 |  | 266,906.82 |  | 43.56 |  | 0.2221 |  | 3,312,329 |  |
| 2005 | 16,513,754.79 |  | 56.00 |  | 1.79 |  | 546,852.99 |  | 44.24 |  | 0.2100 |  | 6,415,594 |  |
| 2006 | 12,532,197.04 |  | 56.00 |  | 1.79 |  | 415,003.70 |  | 44.93 |  | 0.1977 |  | 4,583,125 |  |
| 2007 | 17,956,465.56 |  | 56.00 |  | 1.79 |  | 594,628.36 |  | 45.62 |  | 0.1854 |  | 6,157,559 |  |
| 2008 | 3,833,855.05 |  | 56.00 |  | 1.79 |  | 126,958.11 |  | 46.31 |  | 0.1730 |  | 1,227,309 |  |
| 2009 | 8,995,609.74 |  | 56.00 |  | 1.79 |  | 297,889.62 |  | 47.01 |  | 0.1605 |  | 2,671,687 |  |
| 2010 | 8,876,673.64 |  | 56.00 |  | 1.79 |  | 293,951.05 |  | 47.71 |  | 0.1480 |  | 2,431,090 |  |
| 2011 | 9,167,079.35 |  | 56.00 |  | 1.79 |  | 303,567.83 |  | 48.41 |  | 0.1355 |  | 2,298,636 |  |
| 2012 | 10,130,813.76 |  | 56.00 |  | 1.79 |  | 335,481.90 |  | 49.11 |  | 0.1230 |  | 2,306,016 |  |
| 2013 | 11,872,634.41 |  | 56.00 |  | 1.79 |  | 393,162.29 |  | 49.82 |  | 0.1104 |  | 2,423,988 |  |
| 2014 | 16,190,008.50 |  | 56.00 |  | 1.79 |  | 536,132.13 |  | 50.54 |  | 0.0975 |  | 2,920,273 |  |
| 2015 | 13,860,547.17 |  | 56.00 |  | 1.79 |  | 458,992.02 |  | 51.25 |  | 0.0848 |  | 2,174,955 |  |
| 2016 | 15,673,238.33 |  | 56.00 |  | 1.79 |  | 519,019.29 |  | 51.97 |  | 0.0720 |  | 2,086,516 |  |
| 2017 | 14,741,399.02 |  | 56.00 |  | 1.79 |  | 488,161.43 |  | 52.70 |  | 0.0589 |  | 1,607,115 |  |
| 2018 | 21,782,228.84 |  | 56.00 |  | 1.79 |  | 721,318.51 |  | 53.42 |  | 0.0461 |  | 1,856,488 |  |
| 2019 | 18,851,947.82 |  | 56.00 |  | 1.79 |  | 624,282.25 |  | 54.15 |  | 0.0330 |  | 1,152,306 |  |
| 2020 | 24,655,889.93 |  | 56.00 |  | 1.79 |  | 816,479.80 |  | 54.89 |  | 0.0198 |  | 904,058 |  |
| 2021 | 35,192,463.15 |  | 56.00 |  | 1.79 |  | 1,165,398.42 |  | 55.63 |  | 0.0066 |  | 430,351 |  |
|  | | | | | | | | | | | | | | |
|  | 419,369,727.18 |  |  | | | | 13,887,428.54 |  |  | | | | 158,611,634 |  |
|  | | | | | | | | | | | | | | |
|  | COMPOSITE ANNUAL ACCRUAL RATE, PERCENT .. 3.31 | | | | | | | | | | |  | | |

| SURVIVOR CURVE.. IOWA 40-R2 | | | | | | | | | | | | | | |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| NET SALVAGE PERCENT.. -20 | | | | | | | | | | | | | | |
|  | | | | | | | | | | | | | | |
| 1956 | 3,414.08 |  | 40.00 |  | 2.50 |  | 102.42 |  | 2.35 |  | 0.9413 |  | 3,856 |  |
| 1957 | 10,021.29 |  | 40.00 |  | 2.50 |  | 300.64 |  | 2.63 |  | 0.9343 |  | 11,235 |  |
| 1958 | 11,882.35 |  | 40.00 |  | 2.50 |  | 356.47 |  | 2.92 |  | 0.9270 |  | 13,218 |  |
| 1959 | 20,284.40 |  | 40.00 |  | 2.50 |  | 608.53 |  | 3.21 |  | 0.9198 |  | 22,388 |  |
| 1960 | 21,756.08 |  | 40.00 |  | 2.50 |  | 652.68 |  | 3.50 |  | 0.9125 |  | 23,823 |  |
| 1961 | 22,228.32 |  | 40.00 |  | 2.50 |  | 666.85 |  | 3.79 |  | 0.9053 |  | 24,147 |  |
| 1962 | 22,173.73 |  | 40.00 |  | 2.50 |  | 665.21 |  | 4.08 |  | 0.8980 |  | 23,894 |  |
| 1963 | 22,976.02 |  | 40.00 |  | 2.50 |  | 689.28 |  | 4.37 |  | 0.8908 |  | 24,559 |  |
| 1964 | 31,004.04 |  | 40.00 |  | 2.50 |  | 930.12 |  | 4.67 |  | 0.8833 |  | 32,861 |  |
| 1965 | 34,084.34 |  | 40.00 |  | 2.50 |  | 1,022.53 |  | 4.96 |  | 0.8760 |  | 35,829 |  |
| 1966 | 28,156.10 |  | 40.00 |  | 2.50 |  | 844.68 |  | 5.26 |  | 0.8685 |  | 29,344 |  |
| 1967 | 37,498.38 |  | 40.00 |  | 2.50 |  | 1,124.95 |  | 5.56 |  | 0.8610 |  | 38,743 |  |
| 1968 | 35,338.86 |  | 40.00 |  | 2.50 |  | 1,060.17 |  | 5.87 |  | 0.8533 |  | 36,183 |  |
| 1969 | 545,722.25 |  | 40.00 |  | 2.50 |  | 16,371.67 |  | 6.19 |  | 0.8453 |  | 553,526 |  |
| 1970 | 1,025,376.20 |  | 40.00 |  | 2.50 |  | 30,761.29 |  | 6.51 |  | 0.8373 |  | 1,030,195 |  |
| 1971 | 571,232.87 |  | 40.00 |  | 2.50 |  | 17,136.99 |  | 6.84 |  | 0.8290 |  | 568,262 |  |
| 1972 | 1,797,924.80 |  | 40.00 |  | 2.50 |  | 53,937.74 |  | 7.19 |  | 0.8203 |  | 1,769,697 |  |
| 1973 | 1,991,947.89 |  | 40.00 |  | 2.50 |  | 59,758.44 |  | 7.54 |  | 0.8115 |  | 1,939,759 |  |
| 1974 | 2,565,166.63 |  | 40.00 |  | 2.50 |  | 76,955.00 |  | 7.90 |  | 0.8025 |  | 2,470,255 |  |
| 1975 | 1,549,528.05 |  | 40.00 |  | 2.50 |  | 46,485.84 |  | 8.28 |  | 0.7930 |  | 1,474,531 |  |
| 1976 | 1,609,941.31 |  | 40.00 |  | 2.50 |  | 48,298.24 |  | 8.67 |  | 0.7833 |  | 1,513,184 |  |
| 1977 | 2,805,212.29 |  | 40.00 |  | 2.50 |  | 84,156.37 |  | 9.07 |  | 0.7733 |  | 2,602,956 |  |
| 1978 | 3,854,950.01 |  | 40.00 |  | 2.50 |  | 115,648.50 |  | 9.49 |  | 0.7628 |  | 3,528,436 |  |
| 1979 | 3,867,174.10 |  | 40.00 |  | 2.50 |  | 116,015.22 |  | 9.92 |  | 0.7520 |  | 3,489,738 |  |
| 1980 | 4,367,053.90 |  | 40.00 |  | 2.50 |  | 131,011.62 |  | 10.37 |  | 0.7408 |  | 3,881,874 |  |
| 1981 | 3,714,451.60 |  | 40.00 |  | 2.50 |  | 111,433.55 |  | 10.83 |  | 0.7293 |  | 3,250,517 |  |
| 1982 | 3,156,358.54 |  | 40.00 |  | 2.50 |  | 94,690.76 |  | 11.31 |  | 0.7173 |  | 2,716,678 |  |
| 1983 | 4,785,456.08 |  | 40.00 |  | 2.50 |  | 143,563.68 |  | 11.80 |  | 0.7050 |  | 4,048,496 |  |
| 1984 | 5,815,950.48 |  | 40.00 |  | 2.50 |  | 174,478.51 |  | 12.30 |  | 0.6925 |  | 4,833,055 |  |
| 1985 | 5,306,108.37 |  | 40.00 |  | 2.50 |  | 159,183.25 |  | 12.82 |  | 0.6795 |  | 4,326,601 |  |
| 1986 | 6,574,678.27 |  | 40.00 |  | 2.50 |  | 197,240.35 |  | 13.36 |  | 0.6660 |  | 5,254,483 |  |
| 1987 | 5,557,600.58 |  | 40.00 |  | 2.50 |  | 166,728.02 |  | 13.91 |  | 0.6523 |  | 4,349,934 |  |
| 1988 | 4,277,561.98 |  | 40.00 |  | 2.50 |  | 128,326.86 |  | 14.47 |  | 0.6383 |  | 3,276,185 |  |
| 1989 | 1,055,250.22 |  | 40.00 |  | 2.50 |  | 31,657.51 |  | 15.05 |  | 0.6238 |  | 789,855 |  |
| 1990 | 1,437,910.55 |  | 40.00 |  | 2.50 |  | 43,137.32 |  | 15.64 |  | 0.6090 |  | 1,050,825 |  |
| 1991 | 736,607.07 |  | 40.00 |  | 2.50 |  | 22,098.21 |  | 16.25 |  | 0.5938 |  | 524,833 |  |
| 1992 | 904,068.16 |  | 40.00 |  | 2.50 |  | 27,122.04 |  | 16.87 |  | 0.5783 |  | 627,333 |  |
| 1993 | 977,110.28 |  | 40.00 |  | 2.50 |  | 29,313.31 |  | 17.50 |  | 0.5625 |  | 659,549 |  |
| 1994 | 1,199,154.01 |  | 40.00 |  | 2.50 |  | 35,974.62 |  | 18.15 |  | 0.5463 |  | 786,045 |  |
| 1995 | 1,122,796.72 |  | 40.00 |  | 2.50 |  | 33,683.90 |  | 18.81 |  | 0.5298 |  | 713,762 |  |
| 1996 | 1,058,603.17 |  | 40.00 |  | 2.50 |  | 31,758.10 |  | 19.48 |  | 0.5130 |  | 651,676 |  |
| 1997 | 959,282.44 |  | 40.00 |  | 2.50 |  | 28,778.47 |  | 20.16 |  | 0.4960 |  | 570,965 |  |
| 1998 | 1,264,606.26 |  | 40.00 |  | 2.50 |  | 37,938.19 |  | 20.86 |  | 0.4785 |  | 726,137 |  |
| 1999 | 1,558,939.97 |  | 40.00 |  | 2.50 |  | 46,768.20 |  | 21.56 |  | 0.4610 |  | 862,406 |  |
| 2000 | 2,056,445.55 |  | 40.00 |  | 2.50 |  | 61,693.37 |  | 22.28 |  | 0.4430 |  | 1,093,206 |  |
| 2001 | 1,692,920.35 |  | 40.00 |  | 2.50 |  | 50,787.61 |  | 23.01 |  | 0.4248 |  | 862,882 |  |
| 2002 | 1,114,380.15 |  | 40.00 |  | 2.50 |  | 33,431.40 |  | 23.75 |  | 0.4063 |  | 543,260 |  |
| 2003 | 980,675.19 |  | 40.00 |  | 2.50 |  | 29,420.26 |  | 24.50 |  | 0.3875 |  | 456,014 |  |
| 2004 | 1,317,103.79 |  | 40.00 |  | 2.50 |  | 39,513.11 |  | 25.26 |  | 0.3685 |  | 582,423 |  |
| 2005 | 2,786,908.64 |  | 40.00 |  | 2.50 |  | 83,607.26 |  | 26.03 |  | 0.3493 |  | 1,167,993 |  |
| 2006 | 1,887,283.20 |  | 40.00 |  | 2.50 |  | 56,618.50 |  | 26.82 |  | 0.3295 |  | 746,232 |  |
| 2007 | 1,756,927.75 |  | 40.00 |  | 2.50 |  | 52,707.83 |  | 27.61 |  | 0.3098 |  | 653,050 |  |
| 2008 | 1,985,162.68 |  | 40.00 |  | 2.50 |  | 59,554.88 |  | 28.41 |  | 0.2898 |  | 690,241 |  |
| 2009 | 3,403,857.86 |  | 40.00 |  | 2.50 |  | 102,115.74 |  | 29.21 |  | 0.2698 |  | 1,101,829 |  |
| 2010 | 2,354,150.10 |  | 40.00 |  | 2.50 |  | 70,624.50 |  | 30.03 |  | 0.2493 |  | 704,126 |  |
| 2011 | 7,629,672.32 |  | 40.00 |  | 2.50 |  | 228,890.17 |  | 30.86 |  | 0.2285 |  | 2,092,056 |  |
| 2012 | 647,816.93 |  | 40.00 |  | 2.50 |  | 19,434.51 |  | 31.69 |  | 0.2078 |  | 161,501 |  |
| 2013 | 3,319,907.95 |  | 40.00 |  | 2.50 |  | 99,597.24 |  | 32.54 |  | 0.1865 |  | 742,995 |  |
| 2014 | 4,600,824.46 |  | 40.00 |  | 2.50 |  | 138,024.73 |  | 33.39 |  | 0.1653 |  | 912,343 |  |
| 2015 | 4,675,768.77 |  | 40.00 |  | 2.50 |  | 140,273.06 |  | 34.24 |  | 0.1440 |  | 807,973 |  |
| 2016 | 4,749,655.00 |  | 40.00 |  | 2.50 |  | 142,489.65 |  | 35.11 |  | 0.1223 |  | 696,774 |  |
| 2017 | 4,014,418.71 |  | 40.00 |  | 2.50 |  | 120,432.56 |  | 35.98 |  | 0.1005 |  | 484,139 |  |
| 2018 | 5,052,390.81 |  | 40.00 |  | 2.50 |  | 151,571.72 |  | 36.87 |  | 0.0783 |  | 474,419 |  |
| 2019 | 4,128,079.10 |  | 40.00 |  | 2.50 |  | 123,842.37 |  | 37.75 |  | 0.0563 |  | 278,645 |  |
| 2020 | 7,945,848.69 |  | 40.00 |  | 2.50 |  | 238,375.46 |  | 38.65 |  | 0.0338 |  | 321,807 |  |
| 2021 | 11,850,427.61 |  | 40.00 |  | 2.50 |  | 355,512.83 |  | 39.55 |  | 0.0113 |  | 159,981 |  |
|  | | | | | | | | | | | | | | |
|  | 158,265,168.65 |  |  | | | | 4,747,955.06 |  |  | | | | 80,895,717 |  |
|  | | | | | | | | | | | | | | |
|  | COMPOSITE ANNUAL ACCRUAL RATE, PERCENT .. 3.00 | | | | | | | | | | |  | | |

| SURVIVOR CURVE.. IOWA 20-R2.5 | | | | | | | | | | | | | | |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| NET SALVAGE PERCENT.. -20 | | | | | | | | | | | | | | |
|  | | | | | | | | | | | | | | |
| 2003 | 18,656.93 |  | 20.00 |  | 5.00 |  | 1,119.42 |  | 5.52 |  | 0.7240 |  | 16,209 |  |
| 2004 | 2,145,018.93 |  | 20.00 |  | 5.00 |  | 128,701.14 |  | 6.06 |  | 0.6970 |  | 1,794,094 |  |
| 2007 | 521.53 |  | 20.00 |  | 5.00 |  | 31.29 |  | 7.92 |  | 0.6040 |  | 378 |  |
| 2008 | 2,938,269.91 |  | 20.00 |  | 5.00 |  | 176,296.19 |  | 8.60 |  | 0.5700 |  | 2,009,777 |  |
| 2009 | 123,584,625.24 |  | 20.00 |  | 5.00 |  | 7,415,077.51 |  | 9.32 |  | 0.5340 |  | 79,193,028 |  |
| 2010 | 1,531,826.96 |  | 20.00 |  | 5.00 |  | 91,909.62 |  | 10.06 |  | 0.4970 |  | 913,582 |  |
| 2011 | 329,227,853.81 |  | 20.00 |  | 5.00 |  | 19,753,671.23 |  | 10.82 |  | 0.4590 |  | 181,338,702 |  |
| 2012 | 81,237,280.56 |  | 20.00 |  | 5.00 |  | 4,874,236.83 |  | 11.61 |  | 0.4195 |  | 40,894,847 |  |
| 2013 | 18,709,742.41 |  | 20.00 |  | 5.00 |  | 1,122,584.54 |  | 12.42 |  | 0.3790 |  | 8,509,191 |  |
| 2014 | 42,591,078.76 |  | 20.00 |  | 5.00 |  | 2,555,464.73 |  | 13.25 |  | 0.3375 |  | 17,249,387 |  |
| 2015 | 69,491,026.41 |  | 20.00 |  | 5.00 |  | 4,169,461.58 |  | 14.10 |  | 0.2950 |  | 24,599,823 |  |
| 2016 | 8,201,977.18 |  | 20.00 |  | 5.00 |  | 492,118.63 |  | 14.97 |  | 0.2515 |  | 2,475,357 |  |
| 2017 | 5,904,802.11 |  | 20.00 |  | 5.00 |  | 354,288.13 |  | 15.85 |  | 0.2075 |  | 1,470,296 |  |
| 2018 | 6,406,133.10 |  | 20.00 |  | 5.00 |  | 384,367.99 |  | 16.75 |  | 0.1625 |  | 1,249,196 |  |
| 2019 | 31,969,703.41 |  | 20.00 |  | 5.00 |  | 1,918,182.20 |  | 17.67 |  | 0.1165 |  | 4,469,365 |  |
| 2020 | 49,871,729.95 |  | 20.00 |  | 5.00 |  | 2,992,303.80 |  | 18.59 |  | 0.0705 |  | 4,219,148 |  |
| 2021 | 64,626,325.98 |  | 20.00 |  | 5.00 |  | 3,877,579.56 |  | 19.53 |  | 0.0235 |  | 1,822,462 |  |
|  | | | | | | | | | | | | | | |
|  | 838,456,573.18 |  |  | | | | 50,307,394.39 |  |  | | | | 372,224,842 |  |
|  | | | | | | | | | | | | | | |
|  | COMPOSITE ANNUAL ACCRUAL RATE, PERCENT .. 6.00 | | | | | | | | | | |  | | |

| SURVIVOR CURVE.. IOWA 30-L0 | | | | | | | | | | | | | | |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| NET SALVAGE PERCENT.. -10 | | | | | | | | | | | | | | |
|  | | | | | | | | | | | | | | |
| 1941 | 144.73 |  | 30.00 |  | 3.33 |  | 5.30 |  | 6.57 |  | 0.7810 |  | 124 |  |
| 1951 | 25.91 |  | 30.00 |  | 3.33 |  | 0.95 |  | 8.18 |  | 0.7273 |  | 21 |  |
| 1957 | 446.89 |  | 30.00 |  | 3.33 |  | 16.37 |  | 9.23 |  | 0.6923 |  | 340 |  |
| 1958 | 343.79 |  | 30.00 |  | 3.33 |  | 12.59 |  | 9.42 |  | 0.6860 |  | 259 |  |
| 1962 | 996.90 |  | 30.00 |  | 3.33 |  | 36.52 |  | 10.17 |  | 0.6610 |  | 725 |  |
| 1966 | 182.96 |  | 30.00 |  | 3.33 |  | 6.70 |  | 10.97 |  | 0.6343 |  | 128 |  |
| 1968 | 5.09 |  | 30.00 |  | 3.33 |  | 0.19 |  | 11.38 |  | 0.6207 |  | 3 |  |
| 1970 | 13,631.41 |  | 30.00 |  | 3.33 |  | 499.32 |  | 11.81 |  | 0.6063 |  | 9,092 |  |
| 1971 | 36,780.58 |  | 30.00 |  | 3.33 |  | 1,347.27 |  | 12.02 |  | 0.5993 |  | 24,248 |  |
| 1972 | 77,154.32 |  | 30.00 |  | 3.33 |  | 2,826.16 |  | 12.24 |  | 0.5920 |  | 50,243 |  |
| 1973 | 115,633.50 |  | 30.00 |  | 3.33 |  | 4,235.66 |  | 12.47 |  | 0.5843 |  | 74,325 |  |
| 1974 | 132,430.93 |  | 30.00 |  | 3.33 |  | 4,850.94 |  | 12.69 |  | 0.5770 |  | 84,054 |  |
| 1975 | 175,692.92 |  | 30.00 |  | 3.33 |  | 6,435.63 |  | 12.92 |  | 0.5693 |  | 110,030 |  |
| 1976 | 242,993.34 |  | 30.00 |  | 3.33 |  | 8,900.85 |  | 13.15 |  | 0.5617 |  | 150,130 |  |
| 1977 | 144,866.37 |  | 30.00 |  | 3.33 |  | 5,306.46 |  | 13.39 |  | 0.5537 |  | 88,229 |  |
| 1978 | 220,651.93 |  | 30.00 |  | 3.33 |  | 8,082.48 |  | 13.63 |  | 0.5457 |  | 132,443 |  |
| 1979 | 665,701.16 |  | 30.00 |  | 3.33 |  | 24,384.63 |  | 13.87 |  | 0.5377 |  | 393,720 |  |
| 1980 | 601,301.00 |  | 30.00 |  | 3.33 |  | 22,025.66 |  | 14.12 |  | 0.5293 |  | 350,115 |  |
| 1981 | 509,280.71 |  | 30.00 |  | 3.33 |  | 18,654.95 |  | 14.37 |  | 0.5210 |  | 291,869 |  |
| 1982 | 506,020.55 |  | 30.00 |  | 3.33 |  | 18,535.53 |  | 14.62 |  | 0.5127 |  | 285,364 |  |
| 1983 | 634,454.95 |  | 30.00 |  | 3.33 |  | 23,240.08 |  | 14.88 |  | 0.5040 |  | 351,742 |  |
| 1984 | 821,058.55 |  | 30.00 |  | 3.33 |  | 30,075.37 |  | 15.14 |  | 0.4953 |  | 447,364 |  |
| 1985 | 783,592.02 |  | 30.00 |  | 3.33 |  | 28,702.98 |  | 15.40 |  | 0.4867 |  | 419,486 |  |
| 1986 | 1,131,130.67 |  | 30.00 |  | 3.33 |  | 41,433.32 |  | 15.67 |  | 0.4777 |  | 594,338 |  |
| 1987 | 2,627,034.90 |  | 30.00 |  | 3.33 |  | 96,228.29 |  | 15.95 |  | 0.4683 |  | 1,353,351 |  |
| 1988 | 3,193,484.02 |  | 30.00 |  | 3.33 |  | 116,977.32 |  | 16.22 |  | 0.4593 |  | 1,613,549 |  |
| 1989 | 4,207,844.83 |  | 30.00 |  | 3.33 |  | 154,133.36 |  | 16.51 |  | 0.4497 |  | 2,081,356 |  |
| 1990 | 3,110,627.19 |  | 30.00 |  | 3.33 |  | 113,942.27 |  | 16.79 |  | 0.4403 |  | 1,506,673 |  |
| 1991 | 1,865,229.51 |  | 30.00 |  | 3.33 |  | 68,323.36 |  | 17.08 |  | 0.4307 |  | 883,628 |  |
| 1992 | 2,089,510.00 |  | 30.00 |  | 3.33 |  | 76,538.75 |  | 17.38 |  | 0.4207 |  | 966,894 |  |
| 1993 | 2,445,216.73 |  | 30.00 |  | 3.33 |  | 89,568.29 |  | 17.68 |  | 0.4107 |  | 1,104,595 |  |
| 1994 | 2,513,283.41 |  | 30.00 |  | 3.33 |  | 92,061.57 |  | 17.99 |  | 0.4003 |  | 1,106,757 |  |
| 1995 | 2,413,462.62 |  | 30.00 |  | 3.33 |  | 88,405.14 |  | 18.30 |  | 0.3900 |  | 1,035,375 |  |
| 1996 | 2,237,434.23 |  | 30.00 |  | 3.33 |  | 81,957.22 |  | 18.61 |  | 0.3797 |  | 934,435 |  |
| 1997 | 2,247,701.80 |  | 30.00 |  | 3.33 |  | 82,333.32 |  | 18.93 |  | 0.3690 |  | 912,342 |  |
| 1998 | 2,063,319.63 |  | 30.00 |  | 3.33 |  | 75,579.40 |  | 19.26 |  | 0.3580 |  | 812,535 |  |
| 1999 | 1,979,939.63 |  | 30.00 |  | 3.33 |  | 72,525.19 |  | 19.59 |  | 0.3470 |  | 755,743 |  |
| 2000 | 2,149,902.00 |  | 30.00 |  | 3.33 |  | 78,750.91 |  | 19.93 |  | 0.3357 |  | 793,823 |  |
| 2001 | 1,984,692.16 |  | 30.00 |  | 3.33 |  | 72,699.27 |  | 20.27 |  | 0.3243 |  | 708,065 |  |
| 2002 | 1,714,351.37 |  | 30.00 |  | 3.33 |  | 62,796.69 |  | 20.62 |  | 0.3127 |  | 589,629 |  |
| 2003 | 1,839,228.98 |  | 30.00 |  | 3.33 |  | 67,370.96 |  | 20.98 |  | 0.3007 |  | 608,301 |  |
| 2004 | 1,319,813.36 |  | 30.00 |  | 3.33 |  | 48,344.76 |  | 21.34 |  | 0.2887 |  | 419,090 |  |
| 2005 | 1,837,239.95 |  | 30.00 |  | 3.33 |  | 67,298.10 |  | 21.70 |  | 0.2767 |  | 559,140 |  |
| 2006 | 1,613,547.24 |  | 30.00 |  | 3.33 |  | 59,104.24 |  | 22.08 |  | 0.2640 |  | 468,574 |  |
| 2007 | 1,705,873.50 |  | 30.00 |  | 3.33 |  | 62,486.15 |  | 22.46 |  | 0.2513 |  | 471,611 |  |
| 2008 | 1,072,631.45 |  | 30.00 |  | 3.33 |  | 39,290.49 |  | 22.85 |  | 0.2383 |  | 281,204 |  |
| 2009 | 1,561,794.03 |  | 30.00 |  | 3.33 |  | 57,208.52 |  | 23.24 |  | 0.2253 |  | 387,111 |  |
| 2010 | 1,811,092.43 |  | 30.00 |  | 3.33 |  | 66,340.32 |  | 23.65 |  | 0.2117 |  | 421,689 |  |
| 2011 | 1,941,510.64 |  | 30.00 |  | 3.33 |  | 71,117.53 |  | 24.07 |  | 0.1977 |  | 422,156 |  |
| 2012 | 2,054,448.07 |  | 30.00 |  | 3.33 |  | 75,254.43 |  | 24.50 |  | 0.1833 |  | 414,306 |  |
| 2013 | 2,335,541.92 |  | 30.00 |  | 3.33 |  | 85,550.90 |  | 24.95 |  | 0.1683 |  | 432,456 |  |
| 2014 | 2,521,145.93 |  | 30.00 |  | 3.33 |  | 92,349.58 |  | 25.42 |  | 0.1527 |  | 423,394 |  |
| 2015 | 2,252,576.68 |  | 30.00 |  | 3.33 |  | 82,511.88 |  | 25.91 |  | 0.1363 |  | 337,803 |  |
| 2016 | 2,189,591.94 |  | 30.00 |  | 3.33 |  | 80,204.75 |  | 26.43 |  | 0.1190 |  | 286,618 |  |
| 2017 | 1,848,642.56 |  | 30.00 |  | 3.33 |  | 67,715.78 |  | 26.97 |  | 0.1010 |  | 205,384 |  |
| 2018 | 1,911,963.51 |  | 30.00 |  | 3.33 |  | 70,035.22 |  | 27.54 |  | 0.0820 |  | 172,459 |  |
| 2019 | 8,446,942.06 |  | 30.00 |  | 3.33 |  | 309,411.49 |  | 28.16 |  | 0.0613 |  | 569,856 |  |
| 2020 | 11,048,066.69 |  | 30.00 |  | 3.33 |  | 404,690.68 |  | 28.83 |  | 0.0390 |  | 473,962 |  |
| 2021 | 10,528,659.98 |  | 30.00 |  | 3.33 |  | 385,664.82 |  | 29.58 |  | 0.0140 |  | 162,141 |  |
|  | | | | | | | | | | | | | | |
|  | 105,497,866.13 |  |  | | | | 3,864,386.86 |  |  | | | | 28,534,397 |  |
|  | | | | | | | | | | | | | | |
|  | COMPOSITE ANNUAL ACCRUAL RATE, PERCENT .. 3.66 | | | | | | | | | | |  | | |

| SURVIVOR CURVE.. IOWA 39-L0 | | | | | | | | | | | | | | |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| NET SALVAGE PERCENT.. -10 | | | | | | | | | | | | | | |
|  | | | | | | | | | | | | | | |
| 1968 | 19.28 |  | 39.00 |  | 2.56 |  | 0.54 |  | 18.46 |  | 0.5267 |  | 11 |  |
| 1969 | 377,867.75 |  | 39.00 |  | 2.56 |  | 10,640.76 |  | 18.71 |  | 0.5203 |  | 216,248 |  |
| 1970 | 1,150,213.45 |  | 39.00 |  | 2.56 |  | 32,390.01 |  | 18.97 |  | 0.5136 |  | 649,812 |  |
| 1971 | 808,354.68 |  | 39.00 |  | 2.56 |  | 22,763.27 |  | 19.22 |  | 0.5072 |  | 450,979 |  |
| 1972 | 1,252,878.16 |  | 39.00 |  | 2.56 |  | 35,281.05 |  | 19.48 |  | 0.5005 |  | 689,786 |  |
| 1973 | 1,517,032.06 |  | 39.00 |  | 2.56 |  | 42,719.62 |  | 19.75 |  | 0.4936 |  | 823,671 |  |
| 1974 | 1,266,429.27 |  | 39.00 |  | 2.56 |  | 35,662.65 |  | 20.01 |  | 0.4869 |  | 678,315 |  |
| 1975 | 2,499,611.32 |  | 39.00 |  | 2.56 |  | 70,389.05 |  | 20.28 |  | 0.4800 |  | 1,319,795 |  |
| 1976 | 2,255,788.86 |  | 39.00 |  | 2.56 |  | 63,523.01 |  | 20.55 |  | 0.4731 |  | 1,173,885 |  |
| 1977 | 2,181,752.63 |  | 39.00 |  | 2.56 |  | 61,438.15 |  | 20.83 |  | 0.4659 |  | 1,118,126 |  |
| 1978 | 2,369,715.73 |  | 39.00 |  | 2.56 |  | 66,731.19 |  | 21.10 |  | 0.4590 |  | 1,196,391 |  |
| 1979 | 4,274,994.21 |  | 39.00 |  | 2.56 |  | 120,383.84 |  | 21.39 |  | 0.4515 |  | 2,123,364 |  |
| 1980 | 6,067,281.34 |  | 39.00 |  | 2.56 |  | 170,854.64 |  | 21.67 |  | 0.4444 |  | 2,965,663 |  |
| 1981 | 3,025,426.16 |  | 39.00 |  | 2.56 |  | 85,196.00 |  | 21.96 |  | 0.4369 |  | 1,454,056 |  |
| 1982 | 2,077,416.38 |  | 39.00 |  | 2.56 |  | 58,500.05 |  | 22.25 |  | 0.4295 |  | 981,453 |  |
| 1983 | 3,531,105.31 |  | 39.00 |  | 2.56 |  | 99,435.93 |  | 22.55 |  | 0.4218 |  | 1,638,323 |  |
| 1984 | 4,456,899.65 |  | 39.00 |  | 2.56 |  | 125,506.29 |  | 22.85 |  | 0.4141 |  | 2,030,162 |  |
| 1985 | 4,696,576.73 |  | 39.00 |  | 2.56 |  | 132,255.60 |  | 23.15 |  | 0.4064 |  | 2,099,609 |  |
| 1986 | 4,751,536.23 |  | 39.00 |  | 2.56 |  | 133,803.26 |  | 23.46 |  | 0.3985 |  | 2,082,627 |  |
| 1987 | 5,165,835.63 |  | 39.00 |  | 2.56 |  | 145,469.93 |  | 23.77 |  | 0.3905 |  | 2,219,042 |  |
| 1988 | 5,958,628.48 |  | 39.00 |  | 2.56 |  | 167,794.98 |  | 24.08 |  | 0.3826 |  | 2,507,486 |  |
| 1989 | 8,093,059.56 |  | 39.00 |  | 2.56 |  | 227,900.56 |  | 24.40 |  | 0.3744 |  | 3,332,690 |  |
| 1990 | 8,348,610.15 |  | 39.00 |  | 2.56 |  | 235,096.86 |  | 24.73 |  | 0.3659 |  | 3,360,232 |  |
| 1991 | 6,776,587.72 |  | 39.00 |  | 2.56 |  | 190,828.71 |  | 25.05 |  | 0.3577 |  | 2,666,309 |  |
| 1992 | 5,344,551.96 |  | 39.00 |  | 2.56 |  | 150,502.58 |  | 25.39 |  | 0.3490 |  | 2,051,597 |  |
| 1993 | 6,101,725.92 |  | 39.00 |  | 2.56 |  | 171,824.60 |  | 25.72 |  | 0.3405 |  | 2,285,469 |  |
| 1994 | 5,603,060.26 |  | 39.00 |  | 2.56 |  | 157,782.18 |  | 26.06 |  | 0.3318 |  | 2,044,943 |  |
| 1995 | 7,031,173.83 |  | 39.00 |  | 2.56 |  | 197,997.86 |  | 26.41 |  | 0.3228 |  | 2,496,784 |  |
| 1996 | 7,810,013.77 |  | 39.00 |  | 2.56 |  | 219,929.99 |  | 26.75 |  | 0.3141 |  | 2,698,438 |  |
| 1997 | 8,817,577.58 |  | 39.00 |  | 2.56 |  | 248,302.98 |  | 27.11 |  | 0.3049 |  | 2,957,036 |  |
| 1998 | 9,614,392.30 |  | 39.00 |  | 2.56 |  | 270,741.29 |  | 27.47 |  | 0.2956 |  | 3,126,639 |  |
| 1999 | 8,021,130.47 |  | 39.00 |  | 2.56 |  | 225,875.03 |  | 27.83 |  | 0.2864 |  | 2,527,065 |  |
| 2000 | 9,407,475.03 |  | 39.00 |  | 2.56 |  | 264,914.50 |  | 28.20 |  | 0.2769 |  | 2,865,630 |  |
| 2001 | 10,379,677.49 |  | 39.00 |  | 2.56 |  | 292,291.72 |  | 28.57 |  | 0.2674 |  | 3,053,535 |  |
| 2002 | 15,360,854.14 |  | 39.00 |  | 2.56 |  | 432,561.65 |  | 28.95 |  | 0.2577 |  | 4,354,172 |  |
| 2003 | 13,571,678.26 |  | 39.00 |  | 2.56 |  | 382,178.46 |  | 29.33 |  | 0.2480 |  | 3,701,607 |  |
| 2004 | 14,627,810.86 |  | 39.00 |  | 2.56 |  | 411,919.15 |  | 29.72 |  | 0.2380 |  | 3,828,756 |  |
| 2005 | 19,686,213.66 |  | 39.00 |  | 2.56 |  | 554,363.78 |  | 30.11 |  | 0.2280 |  | 4,936,220 |  |
| 2006 | 22,675,475.55 |  | 39.00 |  | 2.56 |  | 638,541.39 |  | 30.52 |  | 0.2174 |  | 5,423,611 |  |
| 2007 | 26,700,077.91 |  | 39.00 |  | 2.56 |  | 751,874.19 |  | 30.93 |  | 0.2069 |  | 6,077,258 |  |
| 2008 | 11,706,832.36 |  | 39.00 |  | 2.56 |  | 329,664.40 |  | 31.35 |  | 0.1962 |  | 2,525,925 |  |
| 2009 | 13,799,019.35 |  | 39.00 |  | 2.56 |  | 388,580.38 |  | 31.79 |  | 0.1849 |  | 2,806,127 |  |
| 2010 | 14,470,806.06 |  | 39.00 |  | 2.56 |  | 407,497.90 |  | 32.23 |  | 0.1736 |  | 2,763,186 |  |
| 2011 | 15,119,944.97 |  | 39.00 |  | 2.56 |  | 425,777.65 |  | 32.69 |  | 0.1618 |  | 2,690,881 |  |
| 2012 | 11,804,785.96 |  | 39.00 |  | 2.56 |  | 332,422.77 |  | 33.17 |  | 0.1495 |  | 1,941,167 |  |
| 2013 | 12,508,897.22 |  | 39.00 |  | 2.56 |  | 352,250.55 |  | 33.66 |  | 0.1369 |  | 1,883,990 |  |
| 2014 | 16,235,644.95 |  | 39.00 |  | 2.56 |  | 457,195.76 |  | 34.17 |  | 0.1239 |  | 2,211,863 |  |
| 2015 | 16,553,271.39 |  | 39.00 |  | 2.56 |  | 466,140.12 |  | 34.70 |  | 0.1103 |  | 2,007,680 |  |
| 2016 | 21,091,179.38 |  | 39.00 |  | 2.56 |  | 593,927.61 |  | 35.25 |  | 0.0962 |  | 2,230,709 |  |
| 2017 | 19,713,472.50 |  | 39.00 |  | 2.56 |  | 555,131.39 |  | 35.83 |  | 0.0813 |  | 1,762,542 |  |
| 2018 | 86,997,404.44 |  | 39.00 |  | 2.56 |  | 2,449,846.91 |  | 36.45 |  | 0.0654 |  | 6,256,679 |  |
| 2019 | 75,781,880.63 |  | 39.00 |  | 2.56 |  | 2,134,017.76 |  | 37.10 |  | 0.0487 |  | 4,061,303 |  |
| 2020 | 97,306,276.23 |  | 39.00 |  | 2.56 |  | 2,740,144.74 |  | 37.80 |  | 0.0308 |  | 3,293,526 |  |
| 2021 | 90,951,294.84 |  | 39.00 |  | 2.56 |  | 2,561,188.46 |  | 38.57 |  | 0.0110 |  | 1,103,512 |  |
|  | | | | | | | | | | | | | | |
|  | 777,697,220.01 |  |  | | | | 21,899,953.70 |  |  | | | | 129,745,885 |  |
|  | | | | | | | | | | | | | | |
|  | COMPOSITE ANNUAL ACCRUAL RATE, PERCENT .. 2.82 | | | | | | | | | | |  | | |

| SURVIVOR CURVE.. IOWA 60-R1 | | | | | | | | | | | | | | |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| NET SALVAGE PERCENT.. +10 | | | | | | | | | | | | | | |
|  | | | | | | | | | | | | | | |
| 1941 | 1,428.71 |  | 60.00 |  | 1.67 |  | 21.47 |  | 13.18 |  | 0.7803 |  | 1,003 |  |
| 1942 | 6,051.20 |  | 60.00 |  | 1.67 |  | 90.95 |  | 13.56 |  | 0.7740 |  | 4,215 |  |
| 1944 | 639.50 |  | 60.00 |  | 1.67 |  | 9.61 |  | 14.35 |  | 0.7608 |  | 438 |  |
| 1946 | 282.22 |  | 60.00 |  | 1.67 |  | 4.24 |  | 15.15 |  | 0.7475 |  | 190 |  |
| 1947 | 1,085.08 |  | 60.00 |  | 1.67 |  | 16.31 |  | 15.55 |  | 0.7408 |  | 723 |  |
| 1948 | 5,123.17 |  | 60.00 |  | 1.67 |  | 77.00 |  | 15.97 |  | 0.7338 |  | 3,384 |  |
| 1949 | 184,168.07 |  | 60.00 |  | 1.67 |  | 2,768.05 |  | 16.38 |  | 0.7270 |  | 120,501 |  |
| 1950 | 9,639.66 |  | 60.00 |  | 1.67 |  | 144.88 |  | 16.81 |  | 0.7198 |  | 6,245 |  |
| 1951 | 148,130.25 |  | 60.00 |  | 1.67 |  | 2,226.40 |  | 17.23 |  | 0.7128 |  | 95,033 |  |
| 1952 | 47,267.29 |  | 60.00 |  | 1.67 |  | 710.43 |  | 17.66 |  | 0.7057 |  | 30,020 |  |
| 1953 | 22,803.91 |  | 60.00 |  | 1.67 |  | 342.74 |  | 18.10 |  | 0.6983 |  | 14,332 |  |
| 1954 | 61,401.82 |  | 60.00 |  | 1.67 |  | 922.87 |  | 18.54 |  | 0.6910 |  | 38,186 |  |
| 1955 | 75,527.50 |  | 60.00 |  | 1.67 |  | 1,135.18 |  | 18.99 |  | 0.6835 |  | 46,461 |  |
| 1956 | 98,003.74 |  | 60.00 |  | 1.67 |  | 1,473.00 |  | 19.45 |  | 0.6758 |  | 59,610 |  |
| 1957 | 82,050.52 |  | 60.00 |  | 1.67 |  | 1,233.22 |  | 19.90 |  | 0.6683 |  | 49,353 |  |
| 1958 | 157,744.06 |  | 60.00 |  | 1.67 |  | 2,370.89 |  | 20.37 |  | 0.6605 |  | 93,771 |  |
| 1959 | 410,508.55 |  | 60.00 |  | 1.67 |  | 6,169.94 |  | 20.84 |  | 0.6527 |  | 241,134 |  |
| 1960 | 318,840.43 |  | 60.00 |  | 1.67 |  | 4,792.17 |  | 21.31 |  | 0.6448 |  | 185,038 |  |
| 1961 | 19,103.76 |  | 60.00 |  | 1.67 |  | 287.13 |  | 21.79 |  | 0.6368 |  | 10,949 |  |
| 1962 | 149,284.19 |  | 60.00 |  | 1.67 |  | 2,243.74 |  | 22.28 |  | 0.6287 |  | 84,465 |  |
| 1963 | 130,701.19 |  | 60.00 |  | 1.67 |  | 1,964.44 |  | 22.77 |  | 0.6205 |  | 72,990 |  |
| 1964 | 46,925.81 |  | 60.00 |  | 1.67 |  | 705.29 |  | 23.27 |  | 0.6122 |  | 25,854 |  |
| 1965 | 2,742,692.23 |  | 60.00 |  | 1.67 |  | 41,222.66 |  | 23.77 |  | 0.6038 |  | 1,490,508 |  |
| 1966 | 150,098.47 |  | 60.00 |  | 1.67 |  | 2,255.98 |  | 24.28 |  | 0.5953 |  | 80,422 |  |
| 1967 | 95,444.07 |  | 60.00 |  | 1.67 |  | 1,434.52 |  | 24.79 |  | 0.5868 |  | 50,408 |  |
| 1968 | 24,225.72 |  | 60.00 |  | 1.67 |  | 364.11 |  | 25.32 |  | 0.5780 |  | 12,602 |  |
| 1969 | 35,943.69 |  | 60.00 |  | 1.67 |  | 540.23 |  | 25.84 |  | 0.5693 |  | 18,417 |  |
| 1970 | 1,245,115.40 |  | 60.00 |  | 1.67 |  | 18,714.08 |  | 26.37 |  | 0.5605 |  | 628,098 |  |
| 1971 | 611,624.32 |  | 60.00 |  | 1.67 |  | 9,192.71 |  | 26.91 |  | 0.5515 |  | 303,580 |  |
| 1972 | 1,879,011.47 |  | 60.00 |  | 1.67 |  | 28,241.54 |  | 27.46 |  | 0.5423 |  | 917,140 |  |
| 1973 | 1,398,799.17 |  | 60.00 |  | 1.67 |  | 21,023.95 |  | 28.01 |  | 0.5332 |  | 671,218 |  |
| 1974 | 2,892,344.86 |  | 60.00 |  | 1.67 |  | 43,471.94 |  | 28.56 |  | 0.5240 |  | 1,364,030 |  |
| 1975 | 2,775,330.36 |  | 60.00 |  | 1.67 |  | 41,713.22 |  | 29.12 |  | 0.5147 |  | 1,285,541 |  |
| 1976 | 2,574,262.17 |  | 60.00 |  | 1.67 |  | 38,691.16 |  | 29.69 |  | 0.5052 |  | 1,170,396 |  |
| 1977 | 466,403.83 |  | 60.00 |  | 1.67 |  | 7,010.05 |  | 30.26 |  | 0.4957 |  | 208,064 |  |
| 1978 | 1,831,078.21 |  | 60.00 |  | 1.67 |  | 27,521.11 |  | 30.84 |  | 0.4860 |  | 800,914 |  |
| 1979 | 2,874,833.49 |  | 60.00 |  | 1.67 |  | 43,208.75 |  | 31.42 |  | 0.4763 |  | 1,232,432 |  |
| 1980 | 1,681,061.23 |  | 60.00 |  | 1.67 |  | 25,266.35 |  | 32.01 |  | 0.4665 |  | 705,794 |  |
| 1981 | 1,480,863.98 |  | 60.00 |  | 1.67 |  | 22,257.39 |  | 32.61 |  | 0.4565 |  | 608,413 |  |
| 1982 | 22,782,747.27 |  | 60.00 |  | 1.67 |  | 342,424.69 |  | 33.21 |  | 0.4465 |  | 9,155,247 |  |
| 1983 | 1,588,210.80 |  | 60.00 |  | 1.67 |  | 23,870.81 |  | 33.81 |  | 0.4365 |  | 623,929 |  |
| 1984 | 6,694,263.64 |  | 60.00 |  | 1.67 |  | 100,614.78 |  | 34.43 |  | 0.4262 |  | 2,567,605 |  |
| 1985 | 5,453,256.33 |  | 60.00 |  | 1.67 |  | 81,962.44 |  | 35.04 |  | 0.4160 |  | 2,041,699 |  |
| 1986 | 31,348,635.90 |  | 60.00 |  | 1.67 |  | 471,170.00 |  | 35.66 |  | 0.4057 |  | 11,445,481 |  |
| 1987 | 26,559,937.35 |  | 60.00 |  | 1.67 |  | 399,195.86 |  | 36.29 |  | 0.3952 |  | 9,446,121 |  |
| 1988 | 3,742,242.87 |  | 60.00 |  | 1.67 |  | 56,245.91 |  | 36.92 |  | 0.3847 |  | 1,295,576 |  |
| 1989 | 26,155,972.28 |  | 60.00 |  | 1.67 |  | 393,124.26 |  | 37.55 |  | 0.3742 |  | 8,808,102 |  |
| 1990 | 9,827,967.28 |  | 60.00 |  | 1.67 |  | 147,714.35 |  | 38.19 |  | 0.3635 |  | 3,215,219 |  |
| 1991 | 20,994,789.61 |  | 60.00 |  | 1.67 |  | 315,551.69 |  | 38.84 |  | 0.3527 |  | 6,663,809 |  |
| 1992 | 31,724,860.71 |  | 60.00 |  | 1.67 |  | 476,824.66 |  | 39.49 |  | 0.3418 |  | 9,760,058 |  |
| 1993 | 9,975,526.70 |  | 60.00 |  | 1.67 |  | 149,932.17 |  | 40.14 |  | 0.3310 |  | 2,971,709 |  |
| 1994 | 14,768,388.46 |  | 60.00 |  | 1.67 |  | 221,968.88 |  | 40.79 |  | 0.3202 |  | 4,255,555 |  |
| 1995 | 4,963,470.86 |  | 60.00 |  | 1.67 |  | 74,600.97 |  | 41.45 |  | 0.3092 |  | 1,381,101 |  |
| 1996 | 13,806,876.59 |  | 60.00 |  | 1.67 |  | 207,517.36 |  | 42.12 |  | 0.2980 |  | 3,703,004 |  |
| 1997 | 4,211,098.23 |  | 60.00 |  | 1.67 |  | 63,292.81 |  | 42.78 |  | 0.2870 |  | 1,087,727 |  |
| 1998 | 2,367,468.45 |  | 60.00 |  | 1.67 |  | 35,583.05 |  | 43.45 |  | 0.2758 |  | 587,717 |  |
| 1999 | 7,919,924.65 |  | 60.00 |  | 1.67 |  | 119,036.47 |  | 44.12 |  | 0.2647 |  | 1,886,550 |  |
| 2000 | 6,976,761.16 |  | 60.00 |  | 1.67 |  | 104,860.72 |  | 44.80 |  | 0.2533 |  | 1,590,681 |  |
| 2001 | 3,231,240.79 |  | 60.00 |  | 1.67 |  | 48,565.55 |  | 45.48 |  | 0.2420 |  | 703,764 |  |
| 2002 | 26,036,759.38 |  | 60.00 |  | 1.67 |  | 391,332.49 |  | 46.16 |  | 0.2307 |  | 5,405,309 |  |
| 2003 | 3,688,226.47 |  | 60.00 |  | 1.67 |  | 55,434.04 |  | 46.84 |  | 0.2193 |  | 728,045 |  |
| 2004 | 2,537,240.02 |  | 60.00 |  | 1.67 |  | 38,134.72 |  | 47.52 |  | 0.2080 |  | 474,971 |  |
| 2005 | 3,664,154.59 |  | 60.00 |  | 1.67 |  | 55,072.24 |  | 48.21 |  | 0.1965 |  | 648,006 |  |
| 2006 | 3,522,500.10 |  | 60.00 |  | 1.67 |  | 52,943.18 |  | 48.90 |  | 0.1850 |  | 586,496 |  |
| 2007 | 13,973,560.56 |  | 60.00 |  | 1.67 |  | 210,022.62 |  | 49.60 |  | 0.1733 |  | 2,179,834 |  |
| 2008 | 6,747,931.14 |  | 60.00 |  | 1.67 |  | 101,421.41 |  | 50.29 |  | 0.1618 |  | 982,816 |  |
| 2009 | 4,550,322.72 |  | 60.00 |  | 1.67 |  | 68,391.35 |  | 50.99 |  | 0.1502 |  | 614,990 |  |
| 2010 | 10,913,990.06 |  | 60.00 |  | 1.67 |  | 164,037.27 |  | 51.69 |  | 0.1385 |  | 1,360,429 |  |
| 2011 | 16,334,136.42 |  | 60.00 |  | 1.67 |  | 245,502.07 |  | 52.40 |  | 0.1267 |  | 1,862,141 |  |
| 2012 | 9,987,230.05 |  | 60.00 |  | 1.67 |  | 150,108.07 |  | 53.10 |  | 0.1150 |  | 1,033,678 |  |
| 2013 | 8,214,137.81 |  | 60.00 |  | 1.67 |  | 123,458.49 |  | 53.81 |  | 0.1032 |  | 762,707 |  |
| 2014 | 33,503,653.83 |  | 60.00 |  | 1.67 |  | 503,559.92 |  | 54.53 |  | 0.0912 |  | 2,749,075 |  |
| 2015 | 28,505,657.82 |  | 60.00 |  | 1.67 |  | 428,440.04 |  | 55.25 |  | 0.0792 |  | 2,031,114 |  |
| 2016 | 25,193,347.01 |  | 60.00 |  | 1.67 |  | 378,656.01 |  | 55.97 |  | 0.0672 |  | 1,523,013 |  |
| 2017 | 63,881,654.73 |  | 60.00 |  | 1.67 |  | 960,141.27 |  | 56.69 |  | 0.0552 |  | 3,171,916 |  |
| 2018 | 78,403,773.81 |  | 60.00 |  | 1.67 |  | 1,178,408.72 |  | 57.42 |  | 0.0430 |  | 3,034,226 |  |
| 2019 | 32,505,809.20 |  | 60.00 |  | 1.67 |  | 488,562.31 |  | 58.15 |  | 0.0308 |  | 901,939 |  |
| 2020 | 53,132,355.69 |  | 60.00 |  | 1.67 |  | 798,579.31 |  | 58.89 |  | 0.0185 |  | 884,654 |  |
| 2021 | 88,780,129.72 |  | 60.00 |  | 1.67 |  | 1,334,365.35 |  | 59.63 |  | 0.0062 |  | 492,996 |  |
|  | | | | | | | | | | | | | | |
|  | 795,906,054.36 |  |  | | | | 11,962,468.01 |  |  | | | | 127,350,881 |  |
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|  | COMPOSITE ANNUAL ACCRUAL RATE, PERCENT .. 1.50 | | | | | | | | | | |  | | |