

Actuarial Life Analysis

Account: 39600

Scenario: Peoples Gas @ 2021

Placement Band: 1953 - 1992

Function: Survivorship Annual Rate Method

Weighting: Unweighted

T-Cut: None

| Observation Band | <u>Censoring</u> | | Error Sum <u>of Squares</u> | <u>Best Fit</u> | |
|---------------------|------------------|---------|--------------------------------|-----------------|-------|
| | Age | Percent | | Disp | ASL |
| 1983 -1992 | 39.5 | 0.00 | 0.03198874 | L1.5 | 15.24 |
| 1984 -1993 | 40.5 | 0.00 | 0.03510675 | S0.5 | 15.77 |
| 1985 -1994 | 41.5 | 0.00 | 0.05106014 | L1.5 | 15.95 |
| 1986 -1995 | 42.5 | 0.00 | 0.03728002 | L1.5 | 15.50 |
| 1987 -1996 | 43.5 | 0.00 | 0.04960484 | L1.5 | 16.26 |
| 1988 -1997 | 44.5 | 0.00 | 0.05949645 | L1.5 | 16.28 |
| 1989 -1998 | 45.5 | 0.00 | 0.06415623 | S1 | 14.73 |
| 1990 -1999 | 46.5 | 0.00 | 0.04584254 | S1 | 14.37 |
| 1991 -2000 | 47.5 | 0.00 | 0.04478335 | L2.5 | 14.94 |
| 1992 -2001 | 48.5 | 0.00 | 0.03287956 | L1.5 | 14.82 |
| 1993 -2002 | 49.5 | 3.33 | 0.05821654 | L1.5 | 15.24 |
| 1994 -2003 | 50.5 | 0.00 | 0.03921336 | L1 | 14.81 |
| 1995 -2004 | 51.5 | 0.00 | 0.03789667 | L1 | 15.11 |
| 1996 -2005 | 52.5 | 0.00 | 0.05894736 | L1 | 16.09 |
| 1997 -2006 | 53.5 | 0.00 | 0.04757864 | L1 | 15.14 |
| 1998 -2007 | 54.5 | 0.00 | 0.03897289 | L1 | 15.54 |
| 1999 -2008 | 55.5 | 0.00 | 0.05719409 | L0.5 | 17.23 |
| 2000 -2009 | 56.5 | 0.00 | 0.05683592 | S0 | 17.45 |
| 2001 -2010 | 57.5 | 0.00 | 0.04921838 | L0.5 | 19.29 |
| 2002 -2011 | 58.5 | 0.00 | 0.03206590 | S0 | 17.35 |
| 2003 -2012 | 59.5 | 0.00 | 0.02620270 | S0.5 | 18.34 |
| 2004 -2013 | 60.5 | 0.00 | 0.02821904 | S1 | 19.09 |
| 2005 -2014 | 61.5 | 0.00 | 0.02781097 | S1.5 | 19.98 |
| 2006 -2015 | 62.5 | 0.00 | 0.03322242 | S1.5 | 19.97 |
| 2007 -2016 | 63.5 | 0.00 | 0.04638977 | R2.5 | 21.68 |
| 2008 -2017 | 64.5 | 0.00 | 0.03544019 | S1.5 | 21.19 |
| 2009 -2018 | 65.5 | 0.00 | 0.04464528 | S1.5 | 21.34 |
| 2010 -2019 | 66.5 | 15.51 | 0.80169529 | L1 | 27.23 |
| 2011 -2020 | 67.5 | 14.80 | 0.81680664 | L1.5 | 26.94 |
| 2012 -2021 | 68.5 | 54.85 | 0.91355439 | L0 | 54.76 |