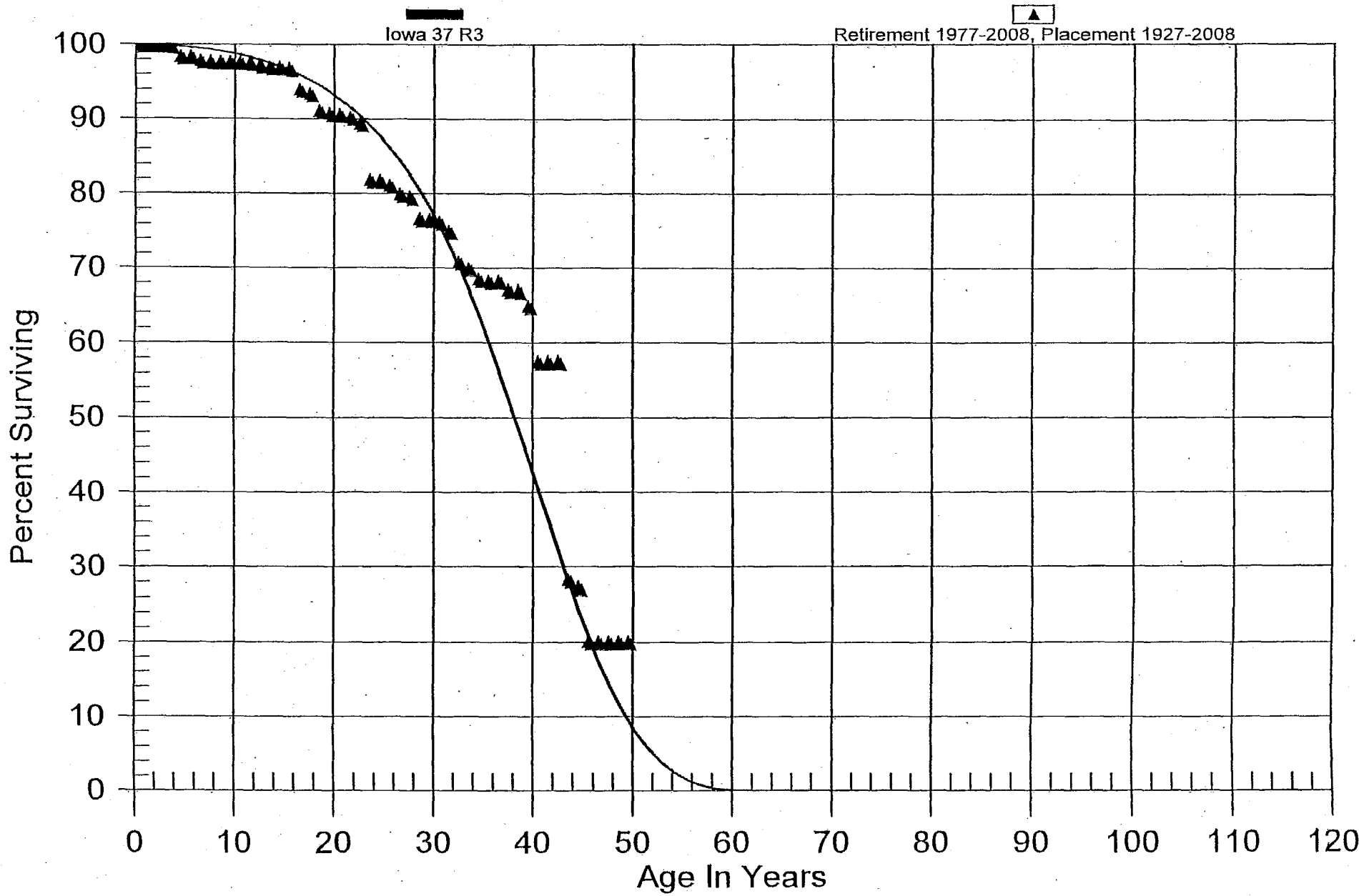


# Montana-Dakota Utilities Company

Common Plant  
390.00 STRUCTURES & IMPROVEMENTS  
Original And Smooth Survivor Curves



**Montana-Dakota Utilities Company**  
**Common Plant**

**390.00 STRUCTURES & IMPROVEMENTS**

**Observed Life Table**

*Retirement Expr. 1977 TO 2008*

*Placement Years 1927 TO 2008*

<i>Age Interval</i>	<i>\$ Surviving At Beginning of Age Interval</i>	<i>\$ Retired During The Age Interval</i>	<i>Retirement Ratio</i>	<i>% Surviving At Beginning of Age Interval</i>
0.0 - 0.5	\$27,620,863.66	\$25,673.53	0.00093	100.00
0.5 - 1.5	\$27,344,478.47	\$0.00	0.00000	99.91
1.5 - 2.5	\$22,640,997.26	\$11,189.66	0.00049	99.91
2.5 - 3.5	\$22,245,650.64	\$21,067.24	0.00095	99.86
3.5 - 4.5	\$18,775,231.84	\$266,416.20	0.01419	99.76
4.5 - 5.5	\$17,682,758.95	\$3,328.20	0.00019	98.35
5.5 - 6.5	\$17,437,927.67	\$101,523.45	0.00582	98.33
6.5 - 7.5	\$16,912,525.05	\$18,173.85	0.00107	97.76
7.5 - 8.5	\$16,707,188.43	\$1,185.30	0.00007	97.65
8.5 - 9.5	\$17,175,374.34	\$201.39	0.00001	97.64
9.5 - 10.5	\$17,190,014.78	\$6,909.72	0.00040	97.64
10.5 - 11.5	\$17,087,646.97	\$22,460.50	0.00131	97.60
11.5 - 12.5	\$16,449,372.68	\$54,345.65	0.00330	97.48
12.5 - 13.5	\$16,094,049.40	\$35,258.34	0.00219	97.15
13.5 - 14.5	\$14,825,001.39	\$5,991.04	0.00040	96.94
14.5 - 15.5	\$12,535,830.93	\$23,427.31	0.00187	96.90
15.5 - 16.5	\$12,213,329.10	\$347,724.14	0.02847	96.72
16.5 - 17.5	\$11,709,677.50	\$76,946.11	0.00657	93.97
17.5 - 18.5	\$11,563,442.33	\$280,138.65	0.02423	93.35
18.5 - 19.5	\$11,284,647.27	\$49,274.84	0.00437	91.09
19.5 - 20.5	\$11,221,468.22	\$13,310.98	0.00119	90.69
20.5 - 21.5	\$11,316,923.39	\$45,061.83	0.00398	90.58
21.5 - 22.5	\$11,648,884.15	\$107,434.88	0.00922	90.22
22.5 - 23.5	\$11,083,154.10	\$941,681.64	0.08497	89.39
23.5 - 24.5	\$9,634,763.28	\$6,423.19	0.00067	81.79
24.5 - 25.5	\$6,635,781.46	\$51,633.39	0.00778	81.74
25.5 - 26.5	\$6,090,655.43	\$87,706.60	0.01440	81.10
26.5 - 27.5	\$4,270,597.43	\$20,932.77	0.00490	79.94
27.5 - 28.5	\$4,063,964.67	\$146,903.96	0.03615	79.54
28.5 - 29.5	\$3,674,970.31	\$3,871.72	0.00105	76.67
29.5 - 30.5	\$3,152,344.74	\$15,451.43	0.00490	76.59
30.5 - 31.5	\$3,151,652.41	\$48,328.18	0.01533	76.21
31.5 - 32.5	\$2,803,070.86	\$158,564.05	0.05657	75.04
32.5 - 33.5	\$2,602,897.43	\$33,240.37	0.01277	70.80
33.5 - 34.5	\$2,604,500.26	\$55,135.57	0.02117	69.90
34.5 - 35.5	\$2,532,951.30	\$7,220.80	0.00285	68.42
35.5 - 36.5	\$2,438,990.71	\$0.00	0.00000	68.22

*Montana-Dakota Utilities Company**Common Plant**390.00 STRUCTURES & IMPROVEMENTS**Observed Life Table**Retirement Expr. 1977 TO 2008**Placement Years 1927 TO 2008*

<i>Age Interval</i>	<i>\$ Surviving At Beginning of Age Interval</i>	<i>\$ Retired During The Age Interval</i>	<i>Retirement Ratio</i>	<i>% Surviving At Beginning of Age Interval</i>
36.5 - 37.5	\$2,015,672.80	\$35,668.14	0.01770	68.22
37.5 - 38.5	\$1,961,785.03	\$4,062.20	0.00207	67.01
38.5 - 39.5	\$1,951,978.24	\$58,309.83	0.02987	66.87
39.5 - 40.5	\$1,852,190.63	\$209,702.82	0.11322	64.88
40.5 - 41.5	\$633,016.01	\$0.00	0.00000	57.53
41.5 - 42.5	\$471,963.84	\$0.00	0.00000	57.53
42.5 - 43.5	\$319,624.00	\$162,495.28	0.50840	57.53
43.5 - 44.5	\$153,278.41	\$5,769.46	0.03764	28.28
44.5 - 45.5	\$128,525.01	\$33,976.68	0.26436	27.22
45.5 - 46.5	\$89,090.20	\$0.00	0.00000	20.02
46.5 - 47.5	\$79,478.26	\$0.00	0.00000	20.02
47.5 - 48.5	\$78,245.67	\$0.00	0.00000	20.02
48.5 - 49.5	\$76,167.37	\$0.00	0.00000	20.02
49.5 - 50.5	\$377,333.98	\$0.00	0.00000	20.02
50.5 - 51.5	\$375,995.96	\$3,171.15	0.00843	20.02
51.5 - 52.5	\$361,606.23	\$0.00	0.00000	19.85
52.5 - 53.5	\$337,003.55	\$400.00	0.00119	19.85
53.5 - 54.5	\$318,189.48	\$0.00	0.00000	19.83
54.5 - 55.5	\$317,325.59	\$0.00	0.00000	19.83
55.5 - 56.5	\$313,830.63	\$0.00	0.00000	19.83
56.5 - 57.5	\$301,579.65	\$0.00	0.00000	19.83
57.5 - 58.5	\$301,579.65	\$0.00	0.00000	19.83