Table 12.1-2(a) Decka10 Deterioration Rates

decka10- see beginning and end goes up or down (9-5>0)							
dkmat	**adt**	**9**	**8**	**7**	**6**	**5**	**Total Years**
1	0	1.9	4.3	4.0	4.4	3.1	17.7
1	201	1.8	5.0	4.5	4.2	3.1	18.7
1	801	1.7	4.5	4.2	4.4	3.0	17.7
1	2001	2.5	3.7	4.0	3.1	2.6	15.9
1	4001	1.0	6.1	2.4	3.3	2.4	15.3
2	0	2.1	5.9	4.4	4.1	3.1	19.6
2	201	1.9	6.3	5.3	4.8	3.5	21.7
2	801	2.0	5.5	5.2	5.1	3.8	21.7
2	2001	1.9	5.0	4.9	5.1	4.2	21.1
2	4001	2.0	4.0	5.1	5.2	4.1	20.4
3	0	2.2	6.0	3.6	3.2	2.3	17.3
3	201	2.4	5.7	4.2	4.2	2.9	19.4
3	801	3.8	5.6	4.4	3.5	3.5	20.7
3	2001	1.6	5.8	3.7	4.4	3.7	19.2
3	4001	3.0	5.4	4.3	3.6	3.1	19.3

Table 12.1-2(b) Occurrences of Ratings for Decka10

decka10- number of occurences						
dkmat	**adt**	**9**	**8**	**7**	**6**	**5**
1	0	194	834	1130	1729	1305
1	201	88	583	616	772	564
1	801	13	147	132	166	117
1	2001	2	26	25	25	24
1	4001	2	8	5	15	12
2	0	114	299	306	301	194
2	201	158	553	691	681	359
2	801	130	343	500	518	306
2	2001	131	231	379	429	232
2	4001	316	503	1048	1207	823
3	0	17	76	91	67	27
3	201	16	141	149	108	62
3	801	4	49	67	64	33
3	2001	5	23	35	29	11
3	4001	2	11	30	20	11

Table 12.1-2(c) Decka11 Deterioration Rates

decka11- see beginning and end goes up or down (9-5>1)							
dkmat	**adt**	**9**	**8**	**7**	**6**	**5**	**Total Years**
1	0	2.6	4.7	4.4	4.8	3.6	20.1
1	201	2.6	5.4	4.9	4.5	3.5	20.9
1	801	2.5	4.9	4.3	4.8	3.6	20.0
1	2001	4.0	4.2	4.2	3.8	3.2	19.4
1	4001		6.1	2.4	3.7	2.7	14.9
2	0	2.7	7.2	5.0	5.2	4.7	24.8
2	201	2.6	7.1	5.8	5.6	4.5	25.6
2	801	2.6	6.3	5.6	5.6	4.5	24.6
2	2001	2.5	5.7	5.4	5.6	5.0	24.3
2	4001	2.8	4.6	5.5	5.6	4.6	23.1
3	0	3.1	6.6	4.1	3.8	3.3	20.8
3	201	2.8	6.2	4.6	4.7	3.9	22.2
3	801	4.7	5.8	4.7	3.8	4.0	23.0
3	2001	2.0	6.3	3.9	5.1	4.3	21.6
3	4001	3.0	6.3	4.8	3.7	3.6	21.3

Table 12.1-2(d) Occurrences of Ratings for Decka11

decka11- number of occurences						
dkmat	**adt**	**9**	**8**	**7**	**6**	**5**
1	0	114	735	1004	1530	1067
1	201	46	537	554	700	474
1	801	6	134	127	150	90
1	2001	1	22	23	19	17
1	4001		8	5	13	10
2	0	74	238	262	222	109
2	201	85	480	618	570	252
2	801	87	293	449	459	245
2	2001	81	193	337	385	186
2	4001	182	417	951	1100	710
3	0	10	68	79	52	15
3	201	13	126	132	93	41
3	801	3	46	61	56	28
3	2001	3	21	32	24	9
3	4001	2	9	26	19	9

Table 12.1-2(e) Decka12 Deterioration Rates

decka12- see beginning and end goes up or down (9-5>2)							
dkmat	**adt**	**9**	**8**	**7**	**6**	**5**	**Total Years**
1	0	3.6	6.0	5.8	6.2	5.1	26.6
1	201	3.6	6.5	6.2	5.7	5.0	26.9
1	801	3.5	5.8	6.4	5.9	4.9	26.5
1	2001	4.0	5.4	5.6	4.8	4.6	24.5
1	4001		8.6	4.0	5.1	5.5	23.2
2	0	3.5	8.8	6.2	6.9	6.2	31.6
2	201	3.8	8.3	6.8	6.8	6.1	31.8
2	801	3.7	7.8	6.8	7.0	6.0	31.2
2	2001	3.5	7.0	6.4	6.7	6.5	30.1
2	4001	4.0	5.9	6.7	6.8	5.9	29.3
3	0	4.2	7.6	5.9	5.5	4.7	27.9
3	201	4.5	7.2	5.9	6.2	5.6	29.4
3	801	6.0	6.8	6.1	5.1	5.5	29.5
3	2001		7.0	5.4	7.3	7.3	27.0
3	4001	3.0	7.6	6.8	5.2	9.0	31.6

Table 12.1-2(f) Occurrences of Ratings for Decka12

decka12- number of occurences						
dkmat	**adt**	**9**	**8**	**7**	**6**	**5**
1	0	42	507	620	1031	562
1	201	18	407	383	469	240
1	801	2	100	66	106	49
1	2001	1	14	14	12	8
1	4001		5	1	7	2
2	0	35	182	186	145	71
2	201	30	384	489	421	155
2	801	29	217	342	336	155
2	2001	27	143	261	294	126
2	4001	69	278	721	827	470
3	0	5	55	42	27	7
3	201	4	102	88	59	22
3	801	2	37	40	33	16
3	2001		18	18	14	4
3	4001	2	7	15	10	2

Tables 12.1-2 Deterioration Rates Calculated Using Program Decka1 and Number of Occurrences of Ratings Used in the Calculations