

Auditory system

1. Pure-tone audiometry (Audiometer RION AA-73A)

Air conduction threshold of right ear at 125Hz (dBHL)

	40-49yr			50-59yr			60-69yr			70-79yr			80yr-			Total		
	Mean	SD	N	Mean	SD	N	Mean	SD	N	Mean	SD	N	Mean	SD	N	Mean	SD	N
Male	23.4	8.0	172	26.8	10.2	216	30.4	11.9	227	35.6	14.1	200	40.0	13.0	35	29.7	12.4	850
Female	23.4	6.5	195	26.5	9.4	189	30.8	12.5	195	37.4	13.0	202	42.5	15.0	24	30.0	12.2	805
Total	23.4	7.3	367	26.7	9.9	405	30.6	12.2	422	36.5	13.6	402	41.0	13.8	59	29.8	12.3	1655

Air conduction threshold of right ear at 250Hz (dBHL)

	40-49yr			50-59yr			60-69yr			70-79yr			80yr-			Total		
	Mean	SD	N	Mean	SD	N	Mean	SD	N	Mean	SD	N	Mean	SD	N	Mean	SD	N
Male	19.9	7.6	172	22.8	11.7	216	26.1	12.1	227	31.9	16.1	200	36.3	14.2	35	25.8	13.3	850
Female	19.2	6.1	195	22.7	9.2	189	27.0	13.9	195	33.6	14.5	202	41.3	19.2	24	26.2	13.2	805
Total	19.5	6.9	367	22.8	10.6	405	26.5	12.9	422	32.7	15.3	402	38.3	16.4	59	26.0	13.2	1655

Air conduction threshold of right ear at 500Hz (dBHL)

	40-49yr			50-59yr			60-69yr			70-79yr			80yr-			Total		
	Mean	SD	N	Mean	SD	N	Mean	SD	N	Mean	SD	N	Mean	SD	N	Mean	SD	N
Male	14.7	6.7	172	18.3	12.9	216	21.9	11.6	227	28.2	16.2	200	33.6	14.7	35	21.5	13.6	850
Female	14.9	6.0	195	17.6	8.6	189	23.4	15.0	195	30.3	14.6	202	40.2	24.5	24	22.2	14.0	805
Total	14.8	6.3	367	18.0	11.1	405	22.6	13.3	422	29.3	15.4	402	36.3	19.4	59	21.9	13.8	1655

Air conduction threshold of right ear at 1000Hz (dBHL)

	40-49yr			50-59yr			60-69yr			70-79yr			80yr-			Total		
	Mean	SD	N	Mean	SD	N	Mean	SD	N	Mean	SD	N	Mean	SD	N	Mean	SD	N
Male	10.4	8.1	172	13.7	12.7	216	18.3	13.1	227	26.9	18.3	200	35.9	15.3	35	18.3	15.3	850
Female	8.5	7.6	195	12.6	9.2	189	18.8	14.8	195	26.6	15.0	202	38.3	25.5	24	17.4	14.9	805
Total	9.4	7.9	367	13.2	11.2	405	18.5	13.9	422	26.7	16.7	402	36.9	19.9	59	17.8	15.1	1655

Air conduction threshold of right ear at 2000Hz (dBHL)

	40-49yr			50-59yr			60-69yr			70-79yr			80yr-			Total		
	Mean	SD	N	Mean	SD	N	Mean	SD	N	Mean	SD	N	Mean	SD	N	Mean	SD	N
Male	13.6	9.9	172	18.6	13.4	216	26.3	15.1	227	36.8	18.4	200	48.3	18.3	35	25.2	17.6	850
Female	11.8	9.4	195	16.0	9.0	189	23.3	14.3	195	31.5	14.7	202	42.1	24.4	24	21.4	15.2	805
Total	12.7	9.6	367	17.4	11.6	405	24.9	14.8	422	34.1	16.9	402	45.8	21.0	59	23.3	16.6	1655

Air conduction threshold of right ear at 4000Hz (dBHL)

	40-49yr			50-59yr			60-69yr			70-79yr			80yr-			Total		
	Mean	SD	N	Mean	SD	N	Mean	SD	N	Mean	SD	N	Mean	SD	N	Mean	SD	N
Male	16.6	12.9	172	27.2	18.6	216	37.2	18.1	227	51.1	18.8	200	59.3	19.1	35	34.7	21.8	850
Female	9.9	11.6	195	14.6	10.7	189	25.7	17.2	195	34.8	17.7	202	45.8	26.4	24	22.2	18.4	805
Total	13.1	12.7	367	21.4	16.6	405	31.9	18.6	422	42.9	20.0	402	53.8	23.1	59	28.6	21.2	1655

Air conduction threshold of right ear at 8000Hz (dBHL)

	40-49yr			50-59yr			60-69yr			70-79yr			80yr-			Total		
	Mean	SD	N	Mean	SD	N	Mean	SD	N	Mean	SD	N	Mean	SD	N	Mean	SD	N
Male	23.1	19.0	172	33.8	20.0	216	49.1	20.9	227	66.7	18.7	200	75.9	17.8	35	45.2	25.9	850
Female	18.5	15.3	195	28.0	16.0	189	42.9	19.8	195	58.3	21.9	202	72.7	18.0	24	38.3	24.5	805
Total	20.6	17.2	367	31.1	18.4	405	46.3	20.6	422	62.5	20.8	402	74.6	17.8	59	41.8	25.4	1655

Bone conduction threshold of right ear at 250Hz (dBHL)

	40-49yr			50-59yr			60-69yr			70-79yr			80yr-			Total		
	Mean	SD	N	Mean	SD	N	Mean	SD	N	Mean	SD	N	Mean	SD	N	Mean	SD	N
Male	19.5	6.2	172	21.2	7.7	216	24.4	9.4	227	29.7	11.9	200	34.3	12.7	35	24.3	10.2	850
Female	18.1	5.7	195	21.2	7.8	189	24.1	9.0	194	31.1	11.5	202	37.1	13.1	24	24.1	10.4	804
Total	18.8	6.0	367	21.2	7.7	405	24.3	9.2	421	30.4	11.7	402	35.4	12.8	59	24.2	10.3	1654

Bone conduction threshold of right ear at 500Hz (dBHL)

	40-49yr			50-59yr			60-69yr			70-79yr			80yr-			Total		
	Mean	SD	N	Mean	SD	N	Mean	SD	N	Mean	SD	N	Mean	SD	N	Mean	SD	N
Male	13.8	6.8	172	15.9	8.8	216	19.5	10.1	227	26.0	13.7	200	32.6	14.7	35	19.5	11.6	850
Female	13.5	6.2	195	15.9	8.4	189	19.5	10.2	194	27.5	12.1	202	36.5	17.9	24	19.7	11.5	804
Total	13.7	6.5	367	15.9	8.6	405	19.5	10.1	421	26.7	12.9	402	34.2	16.1	59	19.6	11.6	1654

Bone conduction threshold of right ear at 1000Hz (dBHL)

	40-49yr			50-59yr			60-69yr			70-79yr			80yr-			Total		
	Mean	SD	N	Mean	SD	N	Mean	SD	N	Mean	SD	N	Mean	SD	N	Mean	SD	N
Male	9.9	7.2	172	12.7	9.4	216	17.8	12.2	227	25.6	15.3	200	35.9	14.9	35	17.5	13.5	850
Female	8.7	7.6	195	13.4	9.1	189	17.5	9.9	194	26.2	13.0	202	35.6	18.9	24	17.1	12.7	804
Total	9.2	7.4	367	13.0	9.3	405	17.7	11.2	421	25.9	14.2	402	35.8	16.5	59	17.3	13.1	1654

Bone conduction threshold of right ear at 2000Hz (dBHL)

	40-49yr			50-59yr			60-69yr			70-79yr			80yr-			Total		
	Mean	SD	N	Mean	SD	N	Mean	SD	N	Mean	SD	N	Mean	SD	N	Mean	SD	N
Male	13.3	8.5	172	17.8	11.2	216	25.1	14.1	227	34.9	16.8	200	46.4	17.6	35	24.1	16.1	850
Female	11.9	8.2	195	16.4	9.0	189	21.8	12.0	194	30.7	14.0	202	39.6	17.9	24	20.9	13.7	804
Total	12.6	8.4	367	17.2	10.3	405	23.6	13.2	421	32.8	15.6	402	43.6	17.9	59	22.5	15.1	1654

Bone conduction threshold of right ear at 4000Hz (dBHL)

	40-49yr			50-59yr			60-69yr			70-79yr			80yr-			Total		
	Mean	SD	N	Mean	SD	N	Mean	SD	N	Mean	SD	N	Mean	SD	N	Mean	SD	N
Male	17.1	11.2	172	26.5	14.9	216	35.8	15.7	227	47.6	14.8	200	53.3	14.3	35	33.1	18.4	850
Female	10.5	9.6	195	15.1	10.1	189	24.8	14.6	194	33.5	15.4	202	40.6	17.4	24	21.7	16.0	804
Total	13.6	10.9	367	21.1	14.1	405	30.7	16.1	421	40.5	16.6	402	48.1	16.7	59	27.6	18.2	1654

Air conduction threshold of left ear at 125Hz (dBHL)

	40-49yr			50-59yr			60-69yr			70-79yr			80yr-			Total		
	Mean	SD	N	Mean	SD	N	Mean	SD	N	Mean	SD	N	Mean	SD	N	Mean	SD	N
Male	21.4	9.2	172	23.7	10.0	216	26.9	12.1	227	33.2	13.7	200	37.0	13.5	35	26.9	12.4	850
Female	20.7	6.4	195	23.2	10.8	189	27.3	10.6	195	35.2	13.3	202	34.2	13.4	24	26.9	12.0	805
Total	21.0	7.9	367	23.5	10.4	405	27.1	11.4	422	34.2	13.5	402	35.8	13.4	59	26.9	12.2	1655

Air conduction threshold of left ear at 250Hz (dBHL)

	40-49yr			50-59yr			60-69yr			70-79yr			80yr-			Total		
	Mean	SD	N	Mean	SD	N	Mean	SD	N	Mean	SD	N	Mean	SD	N	Mean	SD	N
Male	17.6	9.7	172	19.7	11.1	216	23.2	13.6	227	29.5	16.1	200	34.6	14.6	35	23.1	13.9	850
Female	16.4	5.7	195	19.8	12.1	189	22.9	12.6	195	32.0	15.5	202	33.1	13.3	24	23.2	13.5	805
Total	17.0	7.8	367	19.7	11.5	405	23.1	13.1	422	30.8	15.8	402	34.0	14.0	59	23.2	13.7	1655

Air conduction threshold of left ear at 500Hz (dBHL)

	40-49yr			50-59yr			60-69yr			70-79yr			80yr-			Total		
	Mean	SD	N	Mean	SD	N	Mean	SD	N	Mean	SD	N	Mean	SD	N	Mean	SD	N
Male	13.7	9.0	172	16.3	11.9	216	20.1	13.4	227	26.6	16.6	200	32.4	15.8	35	19.9	14.2	850
Female	12.5	5.5	195	16.6	12.4	189	20.1	14.2	195	28.4	16.1	202	32.7	13.4	24	19.9	14.1	805
Total	13.1	7.4	367	16.4	12.1	405	20.1	13.7	422	27.5	16.3	402	32.5	14.8	59	19.9	14.2	1655

Air conduction threshold of left ear at 1000Hz (dBHL)

	40-49yr			50-59yr			60-69yr			70-79yr			80yr-			Total		
	Mean	SD	N	Mean	SD	N	Mean	SD	N	Mean	SD	N	Mean	SD	N	Mean	SD	N
Male	10.2	9.4	172	13.5	12.8	216	19.1	15.8	227	26.0	18.9	200	36.9	16.9	35	18.2	16.4	850
Female	6.4	7.0	195	12.1	13.2	189	15.7	14.4	195	24.0	15.8	202	28.8	16.6	24	15.1	14.8	805
Total	8.2	8.4	367	12.9	13.0	405	17.5	15.2	422	25.0	17.4	402	33.6	17.1	59	16.7	15.7	1655

Air conduction threshold of left ear at 2000Hz (dBHL)

	40-49yr			50-59yr			60-69yr			70-79yr			80yr-			Total		
	Mean	SD	N	Mean	SD	N	Mean	SD	N	Mean	SD	N	Mean	SD	N	Mean	SD	N
Male	12.9	9.3	172	18.4	13.0	216	28.0	17.7	227	37.2	18.9	200	48.7	19.1	35	25.5	18.5	850
Female	10.5	9.8	195	16.6	13.0	189	21.9	14.9	195	31.4	16.6	202	35.6	16.0	24	20.7	16.0	805
Total	11.6	9.6	367	17.6	13.0	405	25.2	16.7	422	34.3	18.0	402	43.4	18.9	59	23.2	17.5	1655

Air conduction threshold of left ear at 4000Hz (dBHL)

	40-49yr			50-59yr			60-69yr			70-79yr			80yr-			Total		
	Mean	SD	N	Mean	SD	N	Mean	SD	N	Mean	SD	N	Mean	SD	N	Mean	SD	N
Male	16.3	12.8	172	28.4	18.2	216	37.7	18.9	227	52.1	18.4	200	60.4	16.2	35	35.3	21.9	850
Female	8.9	10.3	195	16.6	14.6	189	25.5	16.6	195	36.0	19.3	202	44.8	18.3	24	22.6	19.0	805
Total	12.4	12.1	367	22.9	17.6	405	32.0	18.9	422	44.0	20.5	402	54.1	18.6	59	29.1	21.5	1655

Air conduction threshold of left ear at 8000Hz (dBHL)

	40-49yr			50-59yr			60-69yr			70-79yr			80yr-			Total		
	Mean	SD	N	Mean	SD	N	Mean	SD	N	Mean	SD	N	Mean	SD	N	Mean	SD	N
Male	19.1	13.7	172	30.7	20.1	216	47.8	20.5	227	66.0	18.0	200	74.1	18.5	35	43.0	25.8	850
Female	14.4	11.7	195	27.1	18.6	189	39.1	18.3	195	56.8	19.7	202	67.7	16.9	24	35.6	23.9	805
Total	16.6	12.9	367	29.0	19.5	405	43.7	20.0	422	61.4	19.4	402	71.5	18.0	59	39.4	25.2	1655

Bone conduction threshold of left ear at 250Hz (dBHL)

	40-49yr			50-59yr			60-69yr			70-79yr			80yr-			Total		
	Mean	SD	N	Mean	SD	N	Mean	SD	N	Mean	SD	N	Mean	SD	N	Mean	SD	N
Male	18.2	7.0	172	19.7	7.4	216	22.6	9.8	227	28.5	12.3	200	34.6	13.7	35	22.8	10.6	850
Female	15.8	5.6	195	19.4	8.2	189	22.3	8.9	194	30.3	11.5	202	31.9	13.3	24	22.3	10.6	804
Total	16.9	6.4	367	19.5	7.8	405	22.4	9.4	421	29.4	11.9	402	33.5	13.5	59	22.6	10.6	1654

Bone conduction threshold of left ear at 500Hz (dBHL)

	40-49yr			50-59yr			60-69yr			70-79yr			80yr-			Total		
	Mean	SD	N	Mean	SD	N	Mean	SD	N	Mean	SD	N	Mean	SD	N	Mean	SD	N
Male	13.0	7.5	172	15.2	8.5	216	18.5	9.8	227	25.5	13.9	200	33.0	15.0	35	18.8	11.8	850
Female	11.7	5.4	195	15.2	8.8	189	18.4	9.8	194	26.5	12.7	202	32.3	13.3	24	18.5	11.4	804
Total	12.3	6.5	367	15.2	8.6	405	18.5	9.8	421	26.0	13.3	402	32.7	14.2	59	18.6	11.6	1654

Bone conduction threshold of left ear at 1000Hz (dBHL)

	40-49yr			50-59yr			60-69yr			70-79yr			80yr-			Total		
	Mean	SD	N	Mean	SD	N	Mean	SD	N	Mean	SD	N	Mean	SD	N	Mean	SD	N
Male	8.8	7.8	172	12.3	9.5	216	17.4	11.8	227	24.7	16.5	200	36.4	16.8	35	16.9	14.0	850
Female	7.1	7.3	195	11.6	10.0	189	15.3	10.2	194	24.0	13.4	202	29.8	17.4	24	15.1	12.6	804
Total	7.9	7.6	367	12.0	9.7	405	16.4	11.1	421	24.4	15.0	402	33.7	17.2	59	16.0	13.4	1654

Bone conduction threshold of left ear at 2000Hz (dBHL)

	40-49yr			50-59yr			60-69yr			70-79yr			80yr-			Total		
	Mean	SD	N	Mean	SD	N	Mean	SD	N	Mean	SD	N	Mean	SD	N	Mean	SD	N
Male	14.2	8.7	172	19.3	11.8	216	27.8	14.3	227	37.4	17.2	200	47.9	18.4	35	26.0	16.7	850
Female	12.4	8.2	195	18.5	10.8	189	22.3	11.9	194	32.1	14.4	202	37.1	16.1	24	21.9	13.9	804
Total	13.3	8.5	367	18.9	11.3	405	25.3	13.6	421	34.7	16.0	402	43.5	18.2	59	24.0	15.6	1654

Bone conduction threshold of left ear at 4000Hz (dBHL)

	40-49yr			50-59yr			60-69yr			70-79yr			80yr-			Total		
	Mean	SD	N	Mean	SD	N	Mean	SD	N	Mean	SD	N	Mean	SD	N	Mean	SD	N
Male	17.0	12.2	172	27.9	15.4	216	36.2	15.8	227	49.0	14.7	200	55.0	10.8	35	34.0	18.8	850
Female	10.2	8.5	195	16.9	11.4	189	25.3	13.6	194	35.3	15.8	202	44.2	15.9	24	22.8	16.2	804
Total	13.4	10.9	367	22.8	14.7	405	31.2	15.8	421	42.1	16.7	402	50.6	14.1	59	28.5	18.4	1654

2. Impedance Audiometry

Tympanometric peak pressure in the single frequency tympanogram at 226Hz for right ear (daPa)

	40-49yr			50-59yr			60-69yr			70-79yr			80yr-			Total		
	Mean	SD	N	Mean	SD	N	Mean	SD	N	Mean	SD	N	Mean	SD	N	Mean	SD	N
Male	3.0	14.4	170	-1.1	32.3	214	-5.8	38.6	219	-6.3	40.3	191	-9.1	43.5	34	-3.0	34.2	828
Female	2.7	12.3	193	-0.9	27.7	188	-5.7	43.4	190	-14.3	50.7	192	-10.5	39.2	22	-4.7	37.2	785
Total	2.8	13.3	363	-1.0	30.2	402	-5.7	40.9	409	-10.3	46.0	383	-9.6	41.5	56	-3.9	35.7	1613

Static compliance in the single frequency tympanogram at 226Hz for right ear (ml)

	40-49yr			50-59yr			60-69yr			70-79yr			80yr-			Total		
	Mean	SD	N	Mean	SD	N	Mean	SD	N	Mean	SD	N	Mean	SD	N	Mean	SD	N
Male	0.94	0.89	170	1.00	0.97	214	1.00	0.94	219	0.82	0.79	191	0.80	0.62	34	0.94	0.89	828
Female	0.64	0.43	193	0.80	0.85	188	0.72	0.72	190	0.64	0.65	192	0.68	0.64	22	0.70	0.68	785
Total	0.78	0.70	363	0.90	0.92	402	0.87	0.85	409	0.73	0.73	383	0.75	0.63	56	0.82	0.81	1613

Tympanometric peak pressure in the single frequency tympanogram at 226Hz for left ear (daPa).

	40-49yr			50-59yr			60-69yr			70-79yr			80yr-			Total		
	Mean	SD	N	Mean	SD	N	Mean	SD	N	Mean	SD	N	Mean	SD	N	Mean	SD	N
Male	3.5	16.9	169	-0.5	25.4	211	-5.0	36.2	221	-5.5	41.6	195	-5.9	40.2	33	-2.3	32.4	829
Female	3.6	17.0	195	-0.4	26.4	188	-8.8	41.9	192	-6.5	37.5	193	-13.6	48.4	22	-3.3	33.1	790
Total	3.5	16.9	364	-0.4	25.8	399	-6.7	39.0	413	-6.0	39.6	388	-9.0	43.4	55	-2.8	32.7	1619

Static compliance in the single frequency tympanogram at 226Hz for left ear (ml)

	40-49yr			50-59yr			60-69yr			70-79yr			80yr-			Total		
	Mean	SD	N	Mean	SD	N	Mean	SD	N	Mean	SD	N	Mean	SD	N	Mean	SD	N
Male	0.87	0.76	169	0.86	0.69	211	1.00	0.90	221	0.79	0.63	195	0.72	0.35	33	0.88	0.75	829
Female	0.67	0.53	195	0.70	0.63	188	0.65	0.58	192	0.58	0.47	193	0.58	0.61	22	0.65	0.56	790
Total	0.76	0.66	364	0.79	0.67	399	0.84	0.79	413	0.68	0.57	388	0.67	0.47	55	0.76	0.67	1619

Middle ear resonance frequency for right ear (Hz)

	40-49yr			50-59yr			60-69yr			70-79yr			80yr-			Total		
	Mean	SD	N	Mean	SD	N	Mean	SD	N	Mean	SD	N	Mean	SD	N	Mean	SD	N
Male	837.5	240.1	168	826.6	237.8	205	816.4	235.9	207	869.3	541.1	174	840.6	218.7	32	836.3	329.2	786
Female	905.5	248.8	191	819.8	235.1	179	857.3	261.5	185	876.7	288.2	180	895.0	247.0	20	866.2	259.9	755
Total	873.7	246.8	359	823.4	236.3	384	835.7	248.8	392	873.0	430.9	354	861.5	229.2	52	850.9	297.5	1541

Middle ear resonance frequency for left ear (Hz)

	40-49yr			50-59yr			60-69yr			70-79yr			80yr-			Total		
	Mean	SD	N	Mean	SD	N	Mean	SD	N	Mean	SD	N	Mean	SD	N	Mean	SD	N
Male	848.2	215.9	165	828.6	227.7	201	809.1	228.3	204	802.5	245.9	178	798.4	229.7	31	820.5	229.9	779
Female	887.5	218.7	192	831.9	252.5	180	880.7	249.5	184	877.8	292.6	176	884.2	232.2	19	870.2	253.6	751
Total	869.4	218.0	357	830.2	239.5	381	843.0	241.0	388	840.0	272.3	354	831.0	232.1	50	844.9	243.0	1530

IX. Physiological Examinations

IX. Physiological Examinations

1) Cardiovascular system

1. Blood pressure and pulse rate
2. Electrocardiography
3. Ultrasonic cardiography
4. Intima-media thickness of carotid artery

1) Cardiovascular system

1. Blood pressure and pulse rate

(Automatic blood pressure analyzer, BP-204RV, Colin, Inc.)

Systolic Blood Pressure (mmHg)

	40 - 49yr			50 - 59yr			60 - 69yr			70 - 79yr			80yr -			Total		
	Mean	SD	N	Mean	SD	N	Mean	SD	N	Mean	SD	N	Mean	SD	N	Mean	SD	N
Male	117.4	15.5	172	121.7	16.6	216	124.3	17.0	226	126.3	18.6	200	125.5	17.7	35	122.8	17.3	849
Female	108.4	16.5	195	116.0	19.8	189	120.7	20.0	197	128.7	21.1	202	124.4	22.3	24	118.7	20.8	807
Total	112.6	16.6	367	119.0	18.4	405	122.6	18.5	423	127.5	19.9	402	125.0	19.5	59	120.8	19.2	1656

Diastolic Blood Pressure (mmHg)

	40 - 49yr			50 - 59yr			60 - 69yr			70 - 79yr			80yr -			Total		
	Mean	SD	N	Mean	SD	N	Mean	SD	N	Mean	SD	N	Mean	SD	N	Mean	SD	N
Male	74.0	9.7	172	76.9	10.5	216	77.2	9.6	226	75.8	11.3	200	73.6	9.6	35	76.0	10.3	849
Female	66.8	10.5	195	71.8	11.5	189	73.4	11.0	197	75.4	11.9	202	71.2	12.5	24	71.9	11.7	807
Total	70.2	10.8	367	74.5	11.2	405	75.4	10.5	423	75.6	11.6	402	72.6	10.8	59	74.0	11.2	1656

Pulse Rate (/min)

	40 - 49yr			50 - 59yr			60 - 69yr			70 - 79yr			80yr -			Total		
	Mean	SD	N	Mean	SD	N	Mean	SD	N	Mean	SD	N	Mean	SD	N	Mean	SD	N
Male	66.0	10.7	172	68.2	10.8	216	68.3	10.9	226	71.4	12.3	200	70.3	11.4	35	68.6	11.3	849
Female	71.9	11.1	195	71.1	9.7	189	71.0	9.4	197	74.4	9.6	202	68.8	8.1	24	72.0	10.0	807
Total	69.1	11.3	367	69.5	10.4	405	69.6	10.3	423	72.9	11.1	402	69.7	10.2	59	70.3	10.8	1656

2. Electrocardiography

(Automatic EKG analyzer, Kartizer5500, NEC Corp.)

Heart Rate (/min)

	40 - 49yr			50 - 59yr			60 - 69yr			70 - 79yr			80yr -			Total		
	Mean	SD	N	Mean	SD	N	Mean	SD	N	Mean	SD	N	Mean	SD	N	Mean	SD	N
Male	61.6	10.0	172	63.1	11.0	216	62.8	10.8	227	67.3	13.9	198	64.8	11.2	35	63.8	11.7	848
Female	65.3	11.3	195	64.4	9.3	189	64.6	8.8	197	68.2	10.2	202	63.0	6.4	24	65.6	10.0	807
Total	63.6	10.8	367	63.7	10.2	405	63.6	9.9	424	67.8	12.2	400	64.1	9.5	59	64.7	10.9	1655

PR-interval (msec)

	40 - 49yr			50 - 59yr			60 - 69yr			70 - 79yr			80yr -			Total		
	Mean	SD	N	Mean	SD	N	Mean	SD	N	Mean	SD	N	Mean	SD	N	Mean	SD	N
Male	157.6	22.1	171	162.4	23.5	213	164.8	22.1	226	164.0	23.2	186	174.1	26.1	34	162.9	23.1	830
Female	145.3	17.7	194	156.8	20.7	189	157.8	22.3	196	159.4	24.8	200	157.0	28.7	23	154.9	22.5	802
Total	151.0	20.8	365	159.8	22.4	402	161.5	22.4	422	161.6	24.1	386	167.2	28.2	57	159.0	23.1	1632

QRS-width (msec)

	40 - 49yr			50 - 59yr			60 - 69yr			70 - 79yr			80yr -			Total		
	Mean	SD	N	Mean	SD	N	Mean	SD	N	Mean	SD	N	Mean	SD	N	Mean	SD	N
Male	91.0	9.5	172	92.0	10.9	216	92.6	14.5	227	95.7	17.4	198	93.8	17.7	35	92.9	13.8	848
Female	82.2	9.4	195	84.9	10.5	189	84.2	10.1	197	85.6	13.4	202	83.3	14.7	24	84.2	11.1	807
Total	86.4	10.4	367	88.7	11.3	405	88.7	13.3	424	90.6	16.3	400	89.6	17.2	59	88.7	13.3	1655

QT-interval (msec)

	40 - 49yr			50 - 59yr			60 - 69yr			70 - 79yr			80yr -			Total		
	Mean	SD	N	Mean	SD	N	Mean	SD	N	Mean	SD	N	Mean	SD	N	Mean	SD	N
Male	397.4	30.6	172	393.8	27.6	216	399.2	29.4	227	397.2	35.8	198	403.5	32.4	35	397.2	31.0	848
Female	396.7	29.9	195	401.8	29.5	189	404.2	27.5	196	399.1	29.8	202	411.0	30.4	24	400.8	29.4	806
Total	397.1	30.2	367	397.6	28.7	405	401.5	28.6	423	398.2	32.9	400	406.6	31.6	59	398.9	30.2	1654

QTc-interval (msec)

	40 - 49yr			50 - 59yr			60 - 69yr			70 - 79yr			80yr -			Total		
	Mean	SD	N	Mean	SD	N	Mean	SD	N	Mean	SD	N	Mean	SD	N	Mean	SD	N
Male	399.2	19.5	172	400.0	20.3	216	404.8	22.2	227	415.2	24.5	198	415.5	27.0	35	405.3	22.9	848
Female	410.0	20.5	195	413.3	20.2	189	416.3	21.9	196	422.2	21.8	202	420.3	18.7	24	415.7	21.5	806
Total	404.9	20.7	367	406.2	21.3	405	410.1	22.8	423	418.8	23.4	400	417.5	23.9	59	410.4	22.8	1654

S (V1) -height (mV)

	40 - 49yr			50 - 59yr			60 - 69yr			70 - 79yr			80yr -			Total		
	Mean	SD	N	Mean	SD	N	Mean	SD	N	Mean	SD	N	Mean	SD	N	Mean	SD	N
Male	-0.889	0.429	172	-0.824	0.429	214	-0.797	0.434	223	-0.781	0.407	189	-0.598	0.380	35	-0.811	0.427	833
Female	-0.848	0.348	195	-0.771	0.329	189	-0.764	0.409	193	-0.780	0.452	193	-0.815	0.670	24	-0.792	0.399	794
Total	-0.867	0.388	367	-0.799	0.386	403	-0.782	0.423	416	-0.781	0.430	382	-0.686	0.524	59	-0.802	0.413	1627

R (V5) -height (mV)

	40 - 49yr			50 - 59yr			60 - 69yr			70 - 79yr			80yr -			Total		
	Mean	SD	N	Mean	SD	N	Mean	SD	N	Mean	SD	N	Mean	SD	N	Mean	SD	N
Male	1.700	0.509	172	1.745	0.596	216	1.801	0.636	227	1.819	0.729	198	1.777	0.859	35	1.770	0.637	848
Female	1.278	0.400	195	1.456	0.504	189	1.602	0.493	197	1.636	0.611	201	1.775	0.564	24	1.503	0.530	806
Total	1.476	0.500	367	1.610	0.573	405	1.709	0.582	424	1.727	0.677	399	1.776	0.748	59	1.640	0.602	1654

QRS-axis (degree)

	40 - 49yr			50 - 59yr			60 - 69yr			70 - 79yr			80yr -			Total		
	Mean	SD	N	Mean	SD	N	Mean	SD	N	Mean	SD	N	Mean	SD	N	Mean	SD	N
Male	52.4	26.7	172	42.5	30.1	216	38.0	33.6	227	36.9	34.5	197	38.7	36.7	34	41.8	32.2	846
Female	55.4	27.6	195	46.1	29.7	189	38.8	28.4	196	31.6	31.1	201	26.5	33.6	24	42.4	30.7	805
Total	54.0	27.2	367	44.2	30.0	405	38.4	31.3	423	34.2	32.9	398	33.6	35.7	58	42.1	31.5	1651

P-axis (degree)

	40 - 49yr			50 - 59yr			60 - 69yr			70 - 79yr			80yr -			Total		
	Mean	SD	N	Mean	SD	N	Mean	SD	N	Mean	SD	N	Mean	SD	N	Mean	SD	N
Male	49.0	27.1	170	53.3	27.0	210	47.8	31.8	224	57.5	25.1	183	53.3	27.6	34	51.8	28.2	821
Female	50.3	28.5	193	52.0	23.4	189	46.7	30.0	196	48.6	27.3	196	44.8	32.6	21	49.3	27.6	795
Total	49.7	27.8	363	52.7	25.3	399	47.3	30.9	420	52.9	26.6	379	50.0	29.6	55	50.6	27.9	1616

T-axis (degree)

	40 - 49yr			50 - 59yr			60 - 69yr			70 - 79yr			80yr -			Total		
	Mean	SD	N	Mean	SD	N	Mean	SD	N	Mean	SD	N	Mean	SD	N	Mean	SD	N
Male	40.2	24.5	171	39.5	28.3	214	39.8	35.6	225	44.1	35.7	194	43.7	33.9	35	41.0	31.8	839
Female	38.4	23.5	193	36.1	25.1	185	37.4	29.7	194	40.5	31.1	199	39.4	35.3	24	38.2	27.8	795
Total	39.3	24.0	364	37.9	26.9	399	38.7	33.0	419	42.3	33.5	393	41.9	34.3	59	39.6	29.9	1634

CV of R-R

	40 - 49yr			50 - 59yr			60 - 69yr			70 - 79yr			80yr -			Total		
	Mean	SD	N	Mean	SD	N	Mean	SD	N	Mean	SD	N	Mean	SD	N	Mean	SD	N
Male	3.6	1.4	161	2.9	1.1	194	2.9	1.3	197	2.5	1.2	143	2.5	1.6	25	3.0	1.3	720
Female	3.6	1.4	184	3.0	1.2	182	2.7	1.0	177	2.6	1.2	168	2.5	1.8	17	3.0	1.3	728
Total	3.6	1.4	345	3.0	1.2	376	2.8	1.2	374	2.5	1.2	311	2.5	1.7	42	3.0	1.3	1448

Minnesota Code

		40 - 49yr		50 - 59yr		60 - 69yr		70 - 79yr		80yr -		Total	
		N	%	N	%	N	%	N	%	N	%	N	%
Minnesota Code 1-0-0	Male	30	17.4	45	20.8	33	14.5	22	11.0	6	17.1	136	16.0
	Female	36	18.5	38	20.1	22	11.2	19	9.4	4	16.7	119	14.7
	Total	66	18.0	83	20.5	55	13.0	41	10.2	10	16.9	255	15.4
Minnesota Code 1-1-1	Male	0	0.0	0	0.0	0	0.0	3	1.5	0	0.0	3	0.4
	Female	0	0.0	0	0.0	1	0.5	1	0.5	0	0.0	2	0.2
	Total	0	0.0	0	0.0	1	0.2	4	1.0	0	0.0	5	0.3
Minnesota Code 1-1-2	Male	0	0.0	0	0.0	0	0.0	1	0.5	0	0.0	1	0.1
	Female	0	0.0	1	0.5	1	0.5	0	0.0	0	0.0	2	0.2
	Total	0	0.0	1	0.2	1	0.2	1	0.2	0	0.0	3	0.2
Minnesota Code 1-1-3	Male	0	0.0	1	0.5	2	0.9	0	0.0	0	0.0	3	0.4
	Female	0	0.0	0	0.0	1	0.5	0	0.0	0	0.0	1	0.1
	Total	0	0.0	1	0.2	3	0.7	0	0.0	0	0.0	4	0.2
Minnesota Code 1-1-4	Male	0	0.0	2	0.9	0	0.0	1	0.5	0	0.0	3	0.4
	Female	1	0.5	0	0.0	0	0.0	3	1.5	0	0.0	4	0.5
	Total	1	0.3	2	0.5	0	0.0	4	1.0	0	0.0	7	0.4
Minnesota Code 1-1-5	Male	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
	Female	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
	Total	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
Minnesota Code 1-1-6	Male	0	0.0	1	0.5	0	0.0	2	1.0	0	0.0	3	0.4
	Female	0	0.0	0	0.0	0	0.0	1	0.5	0	0.0	1	0.1
	Total	0	0.0	1	0.2	0	0.0	3	0.7	0	0.0	4	0.2
Minnesota Code 1-1-7	Male	0	0.0	1	0.5	0	0.0	0	0.0	0	0.0	1	0.1
	Female	0	0.0	0	0.0	0	0.0	1	0.5	0	0.0	1	0.1
	Total	0	0.0	1	0.2	0	0.0	1	0.2	0	0.0	2	0.1
Minnesota Code 1-2-1	Male	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0

(Continued)

Minnesota Code

		40 - 49yr		50 - 59yr		60 - 69yr		70 - 79yr		80yr -		Total	
		N	%	N	%	N	%	N	%	N	%	N	%
Minnesota Code 1-2-1	Female	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
	Total	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
Minnesota Code 1-2-2	Male	0	0.0	0	0.0	0	0.0	1	0.5	0	0.0	1	0.1
	Female	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
	Total	0	0.0	0	0.0	0	0.0	1	0.2	0	0.0	1	0.1
Minnesota Code 1-2-3	Male	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
	Female	0	0.0	0	0.0	2	1.0	1	0.5	0	0.0	3	0.4
	Total	0	0.0	0	0.0	2	0.5	1	0.2	0	0.0	3	0.2
Minnesota Code 1-2-4	Male	1	0.6	1	0.5	0	0.0	1	0.5	1	2.9	4	0.5
	Female	0	0.0	1	0.5	0	0.0	2	1.0	0	0.0	3	0.4
	Total	1	0.3	2	0.5	0	0.0	3	0.7	1	1.7	7	0.4
Minnesota Code 1-2-5	Male	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
	Female	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
	Total	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
Minnesota Code 1-2-6	Male	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
	Female	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
	Total	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
Minnesota Code 1-2-7	Male	0	0.0	0	0.0	0	0.0	1	0.5	0	0.0	1	0.1
	Female	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
	Total	0	0.0	0	0.0	0	0.0	1	0.2	0	0.0	1	0.1
Minnesota Code 1-2-8	Male	1	0.6	0	0.0	0	0.0	0	0.0	0	0.0	1	0.1
	Female	1	0.5	1	0.5	0	0.0	0	0.0	0	0.0	2	0.2
	Total	2	0.5	1	0.2	0	0.0	0	0.0	0	0.0	3	0.2
Minnesota Code 1-3-1	Male	0	0.0	0	0.0	1	0.4	0	0.0	0	0.0	1	0.1
	Female	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0

(Continued)

Minnesota Code

		40 - 49yr		50 - 59yr		60 - 69yr		70 - 79yr		80yr -		Total	
		N	%	N	%	N	%	N	%	N	%	N	%
Minnesota Code 1-3-1	Total	0	0.0	0	0.0	1	0.2	0	0.0	0	0.0	1	0.1
Minnesota Code 1-3-2	Male	1	0.6	0	0.0	1	0.4	2	1.0	0	0.0	4	0.5
	Female	3	1.5	0	0.0	2	1.0	1	0.5	0	0.0	6	0.7
	Total	4	1.1	0	0.0	3	0.7	3	0.7	0	0.0	10	0.6
Minnesota Code 1-3-3	Male	0	0.0	1	0.5	1	0.4	3	1.5	2	5.7	7	0.8
	Female	0	0.0	0	0.0	1	0.5	0	0.0	0	0.0	1	0.1
	Total	0	0.0	1	0.2	2	0.5	3	0.7	2	3.4	8	0.5
Minnesota Code 1-3-4	Male	0	0.0	1	0.5	0	0.0	1	0.5	0	0.0	2	0.2
	Female	1	0.5	4	2.1	0	0.0	2	1.0	0	0.0	7	0.9
	Total	1	0.3	5	1.2	0	0.0	3	0.7	0	0.0	9	0.5
Minnesota Code 1-3-5	Male	0	0.0	1	0.5	0	0.0	0	0.0	0	0.0	1	0.1
	Female	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
	Total	0	0.0	1	0.2	0	0.0	0	0.0	0	0.0	1	0.1
Minnesota Code 1-3-6	Male	0	0.0	1	0.5	6	2.6	3	1.5	1	2.9	11	1.3
	Female	0	0.0	6	3.2	4	2.0	11	5.4	3	12.5	24	3.0
	Total	0	0.0	7	1.7	10	2.4	14	3.5	4	6.8	35	2.1
Minnesota Code 2-1	Male	3	1.7	5	2.3	4	1.8	4	2.0	1	2.9	17	2.0
	Female	1	0.5	1	0.5	2	1.0	5	2.5	0	0.0	9	1.1
	Total	4	1.1	6	1.5	6	1.4	9	2.2	1	1.7	26	1.6
Minnesota Code 2-2	Male	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
	Female	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
	Total	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
Minnesota Code 2-3	Male	7	4.1	1	0.5	2	0.9	1	0.5	0	0.0	11	1.3
	Female	4	2.1	3	1.6	3	1.5	2	1.0	0	0.0	12	1.5
	Total	11	3.0	4	1.0	5	1.2	3	0.7	0	0.0	23	1.4

(Continued)

Minnesota Code

		40 - 49yr		50 - 59yr		60 - 69yr		70 - 79yr		80yr -		Total	
		N	%	N	%	N	%	N	%	N	%	N	%
Minnesota Code 2-4	Male	0	0.0	0	0.0	0	0.0	1	0.5	0	0.0	1	0.1
	Female	1	0.5	1	0.5	0	0.0	0	0.0	0	0.0	2	0.2
	Total	1	0.3	1	0.2	0	0.0	1	0.2	0	0.0	3	0.2
Minnesota Code 2-5	Male	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
	Female	0	0.0	0	0.0	1	0.5	0	0.0	0	0.0	1	0.1
	Total	0	0.0	0	0.0	1	0.2	0	0.0	0	0.0	1	0.1
Minnesota Code 3-1	Male	7	4.1	17	7.9	21	9.3	31	15.5	4	11.4	80	9.4
	Female	3	1.5	7	3.7	7	3.6	15	7.4	1	4.2	33	4.1
	Total	10	2.7	24	5.9	28	6.6	46	11.4	5	8.5	113	6.8
Minnesota Code 3-2	Male	0	0.0	0	0.0	0	0.0	1	0.5	0	0.0	1	0.1
	Female	0	0.0	0	0.0	1	0.5	1	0.5	0	0.0	2	0.2
	Total	0	0.0	0	0.0	1	0.2	2	0.5	0	0.0	3	0.2
Minnesota Code 3-3-1	Male	2	1.2	0	0.0	4	1.8	1	0.5	0	0.0	7	0.8
	Female	0	0.0	1	0.5	4	2.0	1	0.5	0	0.0	6	0.7
	Total	2	0.5	1	0.2	8	1.9	2	0.5	0	0.0	13	0.8
Minnesota Code 3-3-2	Male	7	4.1	7	3.2	11	4.8	5	2.5	1	2.9	31	3.6
	Female	3	1.5	2	1.1	6	3.0	10	5.0	1	4.2	22	2.7
	Total	10	2.7	9	2.2	17	4.0	15	3.7	2	3.4	53	3.2
Minnesota Code 3-4	Male	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
	Female	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
	Total	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
Minnesota Code 4-1-1	Male	0	0.0	0	0.0	0	0.0	1	0.5	0	0.0	1	0.1
	Female	0	0.0	0	0.0	1	0.5	1	0.5	0	0.0	2	0.2
	Total	0	0.0	0	0.0	1	0.2	2	0.5	0	0.0	3	0.2
Minnesota Code 4-1-2	Male	0	0.0	4	1.9	5	2.2	9	4.5	0	0.0	18	2.1

(Continued)

Minnesota Code

		40 - 49yr		50 - 59yr		60 - 69yr		70 - 79yr		80yr -		Total	
		N	%	N	%	N	%	N	%	N	%	N	%
Minnesota Code 4-1-2	Female	3	1.5	5	2.6	5	2.5	5	2.5	0	0.0	18	2.2
	Total	3	0.8	9	2.2	10	2.4	14	3.5	0	0.0	36	2.2
Minnesota Code 4-2	Male	2	1.2	7	3.2	17	7.5	10	5.0	2	5.7	38	4.5
	Female	2	1.0	5	2.6	19	9.6	14	6.9	0	0.0	40	5.0
	Total	4	1.1	12	3.0	36	8.5	24	6.0	2	3.4	78	4.7
Minnesota Code 4-3	Male	1	0.6	11	5.1	18	7.9	28	14.0	5	14.3	63	7.4
	Female	11	5.6	13	6.9	34	17.3	44	21.8	5	20.8	107	13.3
	Total	12	3.3	24	5.9	52	12.3	72	17.9	10	16.9	170	10.3
Minnesota Code 4-4	Male	1	0.6	1	0.5	1	0.4	2	1.0	0	0.0	5	0.6
	Female	2	1.0	2	1.1	3	1.5	7	3.5	0	0.0	14	1.7
	Total	3	0.8	3	0.7	4	0.9	9	2.2	0	0.0	19	1.1
Minnesota Code 5-1	Male	1	0.6	2	0.9	2	0.9	3	1.5	0	0.0	8	0.9
	Female	0	0.0	0	0.0	1	0.5	0	0.0	0	0.0	1	0.1
	Total	1	0.3	2	0.5	3	0.7	3	0.7	0	0.0	9	0.5
Minnesota Code 5-2	Male	5	2.9	7	3.2	11	4.8	12	6.0	0	0.0	35	4.1
	Female	5	2.6	8	4.2	16	8.1	12	5.9	3	12.5	44	5.5
	Total	10	2.7	15	3.7	27	6.4	24	6.0	3	5.1	79	4.8
Minnesota Code 5-3	Male	3	1.7	4	1.9	9	4.0	7	3.5	2	5.7	25	2.9
	Female	2	1.0	9	4.8	9	4.6	19	9.4	4	16.7	43	5.3
	Total	5	1.4	13	3.2	18	4.2	26	6.5	6	10.2	68	4.1
Minnesota Code 5-4	Male	3	1.7	12	5.6	12	5.3	14	7.0	2	5.7	43	5.1
	Female	5	2.6	15	7.9	18	9.1	17	8.4	1	4.2	56	6.9
	Total	8	2.2	27	6.7	30	7.1	31	7.7	3	5.1	99	6.0
Minnesota Code 5-5	Male	10	5.8	19	8.8	23	10.1	25	12.5	3	8.6	80	9.4
	Female	15	7.7	24	12.7	27	13.7	33	16.3	2	8.3	101	12.5

(Continued)

Minnesota Code

		40 - 49yr		50 - 59yr		60 - 69yr		70 - 79yr		80yr -		Total	
		N	%	N	%	N	%	N	%	N	%	N	%
Minnesota Code 5-5	Total	25	6.8	43	10.6	50	11.8	58	14.4	5	8.5	181	10.9
Minnesota Code 6-1	Male	0	0.0	1	0.5	0	0.0	0	0.0	0	0.0	1	0.1
	Female	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
	Total	0	0.0	1	0.2	0	0.0	0	0.0	0	0.0	1	0.1
Minnesota Code 6-2-1	Male	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
	Female	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
	Total	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
Minnesota Code 6-2-3	Male	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
	Female	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
	Total	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
Minnesota Code 6-3	Male	3	1.7	4	1.9	5	2.2	2	1.0	0	0.0	14	1.6
	Female	0	0.0	0	0.0	5	2.5	3	1.5	1	4.2	9	1.1
	Total	3	0.8	4	1.0	10	2.4	5	1.2	1	1.7	23	1.4
Minnesota Code 6-4-1	Male	1	0.6	2	0.9	0	0.0	1	0.5	0	0.0	4	0.5
	Female	2	1.0	0	0.0	0	0.0	0	0.0	0	0.0	2	0.2
	Total	3	0.8	2	0.5	0	0.0	1	0.2	0	0.0	6	0.4
Minnesota Code 6-5	Male	1	0.6	0	0.0	0	0.0	3	1.5	1	2.9	5	0.6
	Female	10	5.1	5	2.6	4	2.0	4	2.0	2	8.3	25	3.1
	Total	11	3.0	5	1.2	4	0.9	7	1.7	3	5.1	30	1.8
Minnesota Code 6-8	Male	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
	Female	0	0.0	0	0.0	0	0.0	1	0.5	0	0.0	1	0.1
	Total	0	0.0	0	0.0	0	0.0	1	0.2	0	0.0	1	0.1
Minnesota Code 7-1-1	Male	0	0.0	0	0.0	1	0.4	1	0.5	0	0.0	2	0.2
	Female	1	0.5	0	0.0	0	0.0	0	0.0	0	0.0	1	0.1
	Total	1	0.3	0	0.0	1	0.2	1	0.2	0	0.0	3	0.2

(Continued)

Minnesota Code

		40 - 49yr		50 - 59yr		60 - 69yr		70 - 79yr		80yr -		Total	
		N	%	N	%	N	%	N	%	N	%	N	%
Minnesota Code 7-2-1	Male	1	0.6	4	1.9	11	4.8	18	9.0	4	11.4	38	4.5
	Female	0	0.0	2	1.1	2	1.0	8	4.0	1	4.2	13	1.6
	Total	1	0.3	6	1.5	13	3.1	26	6.5	5	8.5	51	3.1
Minnesota Code 7-3	Male	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
	Female	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
	Total	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
Minnesota Code 7-4	Male	0	0.0	0	0.0	1	0.4	1	0.5	0	0.0	2	0.2
	Female	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
	Total	0	0.0	0	0.0	1	0.2	1	0.2	0	0.0	2	0.1
Minnesota Code 7-5	Male	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
	Female	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
	Total	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
Minnesota Code 7-6	Male	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
	Female	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
	Total	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
Minnesota Code 7-7	Male	0	0.0	1	0.5	0	0.0	2	1.0	0	0.0	3	0.4
	Female	0	0.0	1	0.5	0	0.0	0	0.0	0	0.0	1	0.1
	Total	0	0.0	2	0.5	0	0.0	2	0.5	0	0.0	4	0.2
Minnesota Code 7-8	Male	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
	Female	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
	Total	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
Minnesota Code 8-1-1	Male	0	0.0	0	0.0	0	0.0	1	0.5	0	0.0	1	0.1
	Female	0	0.0	0	0.0	0	0.0	1	0.5	0	0.0	1	0.1
	Total	0	0.0	0	0.0	0	0.0	2	0.5	0	0.0	2	0.1
Minnesota Code 8-1-2	Male	0	0.0	1	0.5	2	0.9	6	3.0	1	2.9	10	1.2

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