

6) Visual acuity

Usage of glasses or contact lens

		40-49yr		50-59yr		60-69yr		70-79yr		Total	
		N	%	N	%	N	%	N	%	N	%
Yes	Male	98	63.2	121	81.2	113	84.3	117	84.8	449	78.0
	Female	78	53.8	114	84.4	120	86.3	110	81.5	422	76.2
	Total	176	58.7	235	82.7	233	85.3	227	83.2	871	77.1
No	Male	57	36.8	28	18.8	21	15.7	21	15.2	127	22.0
	Female	67	46.2	21	15.6	19	13.7	25	18.5	132	23.8
	Total	124	41.3	49	17.3	40	14.7	46	16.8	259	22.9

Type of glasses

		40-49yr		50-59yr		60-69yr		70-79yr		Total	
		N	%	N	%	N	%	N	%	N	%
Not recorded	Male	1	1.0	0	0	1	0.9	0	0	2	0.4
	Female	1	1.3	0	0	0	0	0	0	1	0.2
	Total	2	1.1	0	0	1	0.4	0	0	3	0.3
Glasses for far distance	Male	57	58.2	26	21.5	6	5.3	6	5.1	95	21.2
	Female	29	37.2	17	14.9	11	9.2	7	6.4	64	15.2
	Total	86	48.9	43	18.3	17	7.3	13	5.7	159	18.3
Glasses for near distance	Male	25	25.5	38	31.4	49	43.4	45	38.5	157	35.0
	Female	19	24.4	54	47.4	50	41.7	34	30.9	157	37.2
	Total	44	25.0	92	39.1	99	42.5	79	34.8	314	36.1
Glasses for near and far distance	Male	13	13.3	53	43.8	53	46.9	61	52.1	180	40.1
	Female	12	15.4	39	34.2	55	45.8	58	52.7	164	38.9
	Total	25	14.2	92	39.1	108	46.4	119	52.4	344	39.5
Contact lens	Male	1	1.0	0	0	0	0	1	0.9	2	0.4
	Female	9	11.5	1	0.9	0	0	0	0	10	2.4
	Total	10	5.7	1	0.4	0	0	1	0.4	12	1.4
More than two replies	Male	1	1.0	4	3.3	4	3.5	4	3.4	13	2.9
	Female	8	10.3	3	2.6	4	3.3	11	10.0	26	6.2
	Total	9	5.1	7	3.0	8	3.4	15	6.6	39	4.5

Experience of outdoor work

		40-49yr		50-59yr		60-69yr		70-79yr		Total	
		N	%	N	%	N	%	N	%	N	%
Not recorded	Male	2	1.3	1	0.7	2	1.5	7	5.1	12	2.1
	Female	3	2.1	3	2.2	2	1.4	2	1.5	10	1.8
	Total	5	1.7	4	1.4	4	1.5	9	3.3	22	1.9
None	Male	109	70.3	106	71.1	74	55.2	66	47.8	355	61.6
	Female	130	89.7	107	79.3	101	72.7	89	65.9	427	77.1
	Total	239	79.7	213	75.0	175	64.1	155	56.8	782	69.2
One or two days a week	Male	22	14.2	17	11.4	20	14.9	33	23.9	92	16.0
	Female	6	4.1	12	8.9	13	9.4	11	8.1	42	7.6
	Total	28	9.3	29	10.2	33	12.1	44	16.1	134	11.9
Three or four days a week	Male	10	6.5	6	4.0	16	11.9	13	9.4	45	7.8
	Female	2	1.4	3	2.2	10	7.2	16	11.9	31	5.6
	Total	12	4.0	9	3.2	26	9.5	29	10.6	76	6.7
More than five days a week	Male	12	7.7	19	12.8	22	16.4	19	13.8	72	12.5
	Female	4	2.8	10	7.4	13	9.4	17	12.6	44	7.9
	Total	16	5.3	29	10.2	35	12.8	36	13.2	116	10.3

Feeling of unclear vision

		40-49yr		50-59yr		60-69yr		70-79yr		Total	
		N	%	N	%	N	%	N	%	N	%
Not recorded	Male	1	0.6	1	0.7	0	0	6	4.3	8	1.4
	Female	3	2.1	3	2.2	1	0.7	2	1.5	9	1.6
	Total	4	1.3	4	1.4	1	0.4	8	2.9	17	1.5
None	Male	91	58.7	80	53.7	83	61.9	83	60.1	337	58.5
	Female	87	60.0	88	65.2	98	70.5	86	63.7	359	64.8
	Total	178	59.3	168	59.2	181	66.3	169	61.9	696	61.6
Left eye	Male	4	2.6	3	2.0	9	6.7	7	5.1	23	4.0
	Female	7	4.8	3	2.2	2	1.4	5	3.7	17	3.1
	Total	11	3.7	6	2.1	11	4.0	12	4.4	40	3.5
Right eye	Male	4	2.6	9	6.0	5	3.7	6	4.3	24	4.2
	Female	4	2.8	1	0.7	8	5.8	11	8.1	24	4.3
	Total	8	2.7	10	3.5	13	4.8	17	6.2	48	4.2
Both eyes	Male	41	26.5	41	27.5	22	16.4	26	18.8	130	22.6
	Female	32	22.1	30	22.2	19	13.7	19	14.1	100	18.1
	Total	73	24.3	71	25.0	41	15.0	45	16.5	230	20.4
Not understanding	Male	14	9.0	15	10.1	15	11.2	10	7.2	54	9.4
	Female	12	8.3	10	7.4	11	7.9	12	8.9	45	8.1
	Total	26	8.7	25	8.8	26	9.5	22	8.1	99	8.8

Fatigue feeling of eyes

		40-49yr		50-59yr		60-69yr		70-79yr		Total	
		N	%	N	%	N	%	N	%	N	%
Not recorded	Male	0	0	1	0.7	0	0	5	3.6	6	1.0
	Female	2	1.4	1	0.7	1	0.7	1	0.7	5	0.9
	Total	2	0.7	2	0.7	1	0.4	6	2.2	11	1.0
None	Male	31	20.0	45	30.2	41	30.6	50	36.2	167	29.0
	Female	32	22.1	33	24.4	34	24.5	34	25.2	133	24.0
	Total	63	21.0	78	27.5	75	27.5	84	30.8	300	26.5
Sometimes	Male	103	66.5	80	53.7	78	58.2	66	47.8	327	56.8
	Female	97	66.9	84	62.2	80	57.6	79	58.5	340	61.4
	Total	200	66.7	164	57.7	158	57.9	145	53.1	667	59.0
Always	Male	18	11.6	21	14.1	11	8.2	10	7.2	60	10.4
	Female	14	9.7	14	10.4	14	10.1	13	9.6	55	9.9
	Total	32	10.7	35	12.3	25	9.2	23	8.4	115	10.2
Not understanding	Male	3	1.9	2	1.3	4	3.0	7	5.1	16	2.8
	Female	0	0	3	2.2	10	7.2	8	5.9	21	3.8
	Total	3	1.0	5	1.8	14	5.1	15	5.5	37	3.3

Feeling of dryness of eyes

		40-49yr		50-59yr		60-69yr		70-79yr		Total	
		N	%	N	%	N	%	N	%	N	%
Not recorded	Male	1	0.6	1	0.7	1	0.7	5	3.6	8	1.4
	Female	2	1.4	1	0.7	1	0.7	3	2.2	7	1.3
	Total	3	1.0	2	0.7	2	0.7	8	2.9	15	1.3
None	Male	101	65.2	109	73.2	87	64.9	91	65.9	388	67.4
	Female	88	60.7	88	65.2	94	67.6	86	63.7	356	64.3
	Total	189	63.0	197	69.4	181	66.3	177	64.8	744	65.8
Sometimes	Male	35	22.6	29	19.5	28	20.9	24	17.4	116	20.1
	Female	40	27.6	27	20.0	26	18.7	32	23.7	125	22.6
	Total	75	25.0	56	19.7	54	19.8	56	20.5	241	21.3
Always	Male	5	3.2	2	1.3	5	3.7	4	2.9	16	2.8
	Female	4	2.8	6	4.4	1	0.7	5	3.7	16	2.9
	Total	9	3.0	8	2.8	6	2.2	9	3.3	32	2.8
Not understanding	Male	13	8.4	8	5.4	13	9.7	14	10.1	48	8.3
	Female	11	7.6	13	9.6	17	12.2	9	6.7	50	9.0
	Total	24	8.0	21	7.4	30	11.0	23	8.4	98	8.7

Usage of computer or word processor

		40-49yr		50-59yr		60-69yr		70-79yr		Total	
		N	%	N	%	N	%	N	%	N	%
None	Male	27	17.4	51	34.2	88	65.7	110	79.7	276	47.9
	Female	93	64.1	106	78.5	128	92.1	133	98.5	460	83.0
	Total	120	40.0	157	55.3	216	79.1	243	89.0	736	65.1
Sometimes	Male	39	25.2	44	29.5	34	25.4	24	17.4	141	24.5
	Female	28	19.3	13	9.6	9	6.5	2	1.5	52	9.4
	Total	67	22.3	57	20.1	43	15.8	26	9.5	193	17.1
Almost every day (less than 4 hours)	Male	63	40.6	49	32.9	10	7.5	4	2.9	126	21.9
	Female	23	15.9	14	10.4	2	1.4	0	0	39	7.0
	Total	86	28.7	63	22.2	12	4.4	4	1.5	165	14.6
Almost every day (more than 4 hours)	Male	26	16.8	5	3.4	2	1.5	0	0	33	5.7
	Female	1	0.7	2	1.5	0	0	0	0	3	0.5
	Total	27	9.0	7	2.5	2	0.7	0	0	36	3.2

Headache or hand numbness on watching display of computer or word processor

		40-49yr		50-59yr		60-69yr		70-79yr		Total	
		N	%	N	%	N	%	N	%	N	%
Not recorded	Male	1	0.6	2	1.3	7	5.2	7	5.1	17	3.0
	Female	4	2.8	7	5.2	6	4.3	6	4.4	23	4.2
	Total	5	1.7	9	3.2	13	4.8	13	4.8	40	3.5
None	Male	132	85.2	121	81.2	103	76.9	111	80.4	467	81.1
	Female	118	81.4	114	84.4	109	78.4	110	81.5	451	81.4
	Total	250	83.3	235	82.7	212	77.7	221	81.0	918	81.2
Sometimes	Male	16	10.3	12	8.1	7	5.2	2	1.4	37	6.4
	Female	6	4.1	4	3.0	0	0	0	0	10	1.8
	Total	22	7.3	16	5.6	7	2.6	2	0.7	47	4.2
Always	Male	0	0	0	0	0	0	0	0	0	0
	Female	2	1.4	1	0.7	1	0.7	0	0	4	0.7
	Total	2	0.7	1	0.4	1	0.4	0	0	4	0.4
Not determined	Male	6	3.9	14	9.4	17	12.7	18	13.0	55	9.5
	Female	15	10.3	9	6.7	23	16.5	19	14.1	66	11.9
	Total	21	7.0	23	8.1	40	14.7	37	13.6	121	10.7

Time of watching TV or video

		40-49yr		50-59yr		60-69yr		70-79yr		Total	
		N	%	N	%	N	%	N	%	N	%
Not recorded	Male	0	0	0	0	0	0	1	0.7	1	0.2
	Female	0	0	0	0	0	0	0	0	0	0
	Total	0	0	0	0	0	0	1	0.4	1	0.1
Less than 1 hour	Male	16	10.3	20	13.4	11	8.2	6	4.3	53	9.2
	Female	13	9.0	11	8.1	5	3.6	10	7.4	39	7.0
	Total	29	9.7	31	10.9	16	5.9	16	5.9	92	8.1
From 1 to 4hours	Male	125	80.6	122	81.9	94	70.1	91	65.9	432	75.0
	Female	104	71.7	98	72.6	96	69.1	84	62.2	382	69.0
	Total	229	76.3	220	77.5	190	69.6	175	64.1	814	72.0
From 4 to 8 hours	Male	13	8.4	7	4.7	27	20.1	37	26.8	84	14.6
	Female	28	19.3	22	16.3	33	23.7	36	26.7	119	21.5
	Total	41	13.7	29	10.2	60	22.0	73	26.7	203	18.0
More than 8 hours	Male	1	0.6	0	0	2	1.5	3	2.2	6	1.0
	Female	0	0	4	3.0	5	3.6	5	3.7	14	2.5
	Total	1	0.3	4	1.4	7	2.6	8	2.9	20	1.8

Limitation of daily activity due to poor visual acuity

		40-49yr		50-59yr		60-69yr		70-79yr		Total	
		N	%	N	%	N	%	N	%	N	%
Not recorded	Male	0	0	1	0.7	0	0	6	4.3	7	1.2
	Female	2	1.4	1	0.7	1	0.7	1	0.7	5	0.9
	Total	2	0.7	2	0.7	1	0.4	7	2.6	12	1.1
Thinking every time	Male	4	2.6	7	4.7	5	3.7	13	9.4	29	5.0
	Female	13	9.0	5	3.7	6	4.3	12	8.9	36	6.5
	Total	17	5.7	12	4.2	11	4.0	25	9.2	65	5.8
Thinking sometimes	Male	18	11.6	24	16.1	12	9.0	19	13.8	73	12.7
	Female	20	13.8	17	12.6	22	15.8	26	19.3	85	15.3
	Total	38	12.7	41	14.4	34	12.5	45	16.5	158	14.0
Not thinking	Male	121	78.1	111	74.5	107	79.9	90	65.2	429	74.5
	Female	104	71.7	105	77.8	101	72.7	86	63.7	396	71.5
	Total	225	75.0	216	76.1	208	76.2	176	64.5	825	73.0
Not determined	Male	12	7.7	6	4.0	10	7.5	10	7.2	38	6.6
	Female	6	4.1	7	5.2	9	6.5	10	7.4	32	5.8
	Total	18	6.0	13	4.6	19	7.0	20	7.3	70	6.2

Low self-confidence due to poor visual acuity

		40-49yr		50-59yr		60-69yr		70-79yr		Total	
		N	%	N	%	N	%	N	%	N	%
Not recorded	Male	0	0	1	0.7	0	0	5	3.6	6	1.0
	Female	2	1.4	1	0.7	2	1.4	1	0.7	6	1.1
	Total	2	0.7	2	0.7	2	0.7	6	2.2	12	1.1
Thinking every time	Male	1	0.6	6	4.0	2	1.5	8	5.8	17	3.0
	Female	5	3.4	4	3.0	4	2.9	10	7.4	23	4.2
	Total	6	2.0	10	3.5	6	2.2	18	6.6	40	3.5
Thinking sometimes	Male	16	10.3	16	10.7	10	7.5	23	16.7	65	11.3
	Female	19	13.1	15	11.1	25	18.0	29	21.5	88	15.9
	Total	35	11.7	31	10.9	35	12.8	52	19.0	153	13.5
Not thinking	Male	129	83.2	120	80.5	117	87.3	92	66.7	458	79.5
	Female	113	77.9	110	81.5	97	69.8	83	61.5	403	72.7
	Total	242	80.7	230	81.0	214	78.4	175	64.1	861	76.2
Not determined	Male	9	5.8	6	4.0	5	3.7	10	7.2	30	5.2
	Female	6	4.1	5	3.7	11	7.9	12	8.9	34	6.1
	Total	15	5.0	11	3.9	16	5.9	22	8.1	64	5.7

History of operation in the right eye

		40-49yr		50-59yr		60-69yr		70-79yr		Total	
		N	%	N	%	N	%	N	%	N	%
None	Male	153	98.7	135	90.6	127	94.8	116	84.1	531	92.2
	Female	138	95.2	134	99.3	133	95.7	115	85.2	520	93.9
	Total	291	97.0	269	94.7	260	95.2	231	84.6	1051	93.0
Cataract	Male	1	0.6	4	2.7	1	0.7	12	8.7	18	3.1
	Female	0	0	0	0	2	1.4	17	12.6	19	3.4
	Total	1	0.3	4	1.4	3	1.1	29	10.6	37	3.3
Glaucoma	Male	0	0	0	0	0	0	1	0.7	1	0.2
	Female	0	0	0	0	0	0	0	0	0	0
	Total	0	0	0	0	0	0	1	0.4	1	0.1
Retinal detachment	Male	0	0	2	1.3	2	1.5	1	0.7	5	0.9
	Female	1	0.7	0	0	0	0	1	0.7	2	0.4
	Total	1	0.3	2	0.7	2	0.7	2	0.7	7	0.6
Lasering	Male	1	0.6	5	3.4	5	3.7	4	2.9	15	2.6
	Female	1	0.7	1	0.7	2	1.4	5	3.7	9	1.6
	Total	2	0.7	6	2.1	7	2.6	9	3.3	24	2.1
Others	Male	0	0	4	2.7	1	0.7	2	1.4	7	1.2
	Female	2	1.4	0	0	1	0.7	1	0.7	4	0.7
	Total	2	0.7	4	1.4	2	0.7	3	1.1	11	1.0
Not determined	Male	0	0	0	0	0	0	0	0	0	0
	Female	1	0.7	0	0	0	0	0	0	1	0.2
	Total	1	0.3	0	0	0	0	0	0	1	0.1
Total	Male	155	100.0	149	100.0	134	100.0	138	100.0	576	100.0
	Female	145	100.0	135	100.0	139	100.0	135	100.0	554	100.0
	Total	300	100.0	284	100.0	273	100.0	273	100.0	1130	100.0

History of operation in the left eyes

		40-49yr		50-59yr		60-69yr		70-79yr		Total	
		N	%	N	%	N	%	N	%	N	%
None	Male	152	98.1	142	95.3	126	94.0	112	81.2	532	92.4
	Female	137	94.5	133	98.5	132	95.0	115	85.2	517	93.3
	Total	289	96.3	275	96.8	258	94.5	227	83.2	1049	92.8
Cataract	Male	1	0.6	1	0.7	2	1.5	16	11.6	20	3.5
	Female	1	0.7	1	0.7	4	2.9	14	10.4	20	3.6
	Total	2	0.7	2	0.7	6	2.2	30	11.0	40	3.5
Glaucoma	Male	0	0	0	0	0	0	0	0	0	0
	Female	0	0	0	0	0	0	0	0	0	0
	Total	0	0	0	0	0	0	0	0	0	0
Retinal detachment	Male	1	0.6	2	1.3	1	0.7	0	0	4	0.7
	Female	0	0	0	0	0	0	0	0	0	0
	Total	1	0.3	2	0.7	1	0.4	0	0	4	0.4
Lasering	Male	1	0.6	1	0.7	5	3.7	2	1.4	9	1.6
	Female	1	0.7	1	0.7	0	0	5	3.7	7	1.3
	Total	2	0.7	2	0.7	5	1.8	7	2.6	16	1.4
Others	Male	1	0.6	3	2.0	2	1.5	5	3.6	11	1.9
	Female	4	2.8	0	0	2	1.4	2	1.5	8	1.4
	Total	5	1.7	3	1.1	4	1.5	7	2.6	19	1.7
Not understand	Male	0	0	0	0	0	0	0	0	0	0
	Female	0	0	0	0	0	0	0	0	0	0
	Total	0	0	0	0	0	0	0	0	0	0
Total	Male	155	100.0	149	100.0	134	100.0	138	100.0	576	100.0
	Female	145	100.0	135	100.0	139	100.0	135	100.0	554	100.0
	Total	300	100.0	284	100.0	273	100.0	273	100.0	1130	100.0

History of temporary visual loss

		40-49yr		50-59yr		60-69yr		70-79yr		Total	
		N	%	N	%	N	%	N	%	N	%
Not recorded	Male	0	0	1	0.7	0	0	0	0	1	0.2
	Female	0	0	0	0	0	0	0	0	0	0
	Total	0	0	1	0.4	0	0	0	0	1	0.1
None	Male	151	97.4	137	91.9	128	95.5	131	94.9	547	95.0
	Female	141	97.2	128	94.8	131	94.2	125	92.6	525	94.8
	Total	292	97.3	265	93.3	259	94.9	256	93.8	1072	94.9
Left eye	Male	0	0	0	0	2	1.5	0	0	2	0.3
	Female	1	0.7	0	0	0	0	0	0	1	0.2
	Total	1	0.3	0	0	2	0.7	0	0	3	0.3
Right eye	Male	0	0	2	1.3	0	0	0	0	2	0.3
	Female	0	0	1	0.7	1	0.7	2	1.5	4	0.7
	Total	0	0	3	1.1	1	0.4	2	0.7	6	0.5
Both eyes	Male	2	1.3	2	1.3	1	0.7	3	2.2	8	1.4
	Female	0	0	1	0.7	3	2.2	4	3.0	8	1.4
	Total	2	0.7	3	1.1	4	1.5	7	2.6	16	1.4
Not understanding	Male	2	1.3	7	4.7	3	2.2	4	2.9	16	2.8
	Female	3	2.1	5	3.7	4	2.9	4	3.0	16	2.9
	Total	5	1.7	12	4.2	7	2.6	8	2.9	32	2.8

History of double vision

		40-49yr		50-59yr		60-69yr		70-79yr		Total	
		N	%	N	%	N	%	N	%	N	%
Not recorded	Male	0	0	0	0	1	0.7	0	0	1	0.2
	Female	1	0.7	0	0	1	0.7	1	0.7	3	0.5
	Total	1	0.3	0	0	2	0.7	1	0.4	4	0.4
None	Male	126	81.3	106	71.1	107	79.9	104	75.4	443	76.9
	Female	119	82.1	102	75.6	105	75.5	100	74.1	426	76.9
	Total	245	81.7	208	73.2	212	77.7	204	74.7	869	76.9
Sometimes	Male	21	13.5	33	22.1	19	14.2	24	17.4	97	16.8
	Female	22	15.2	26	19.3	23	16.5	27	20.0	98	17.7
	Total	43	14.3	59	20.8	42	15.4	51	18.7	195	17.3
Always	Male	2	1.3	6	4.0	4	3.0	6	4.3	18	3.1
	Female	2	1.4	2	1.5	3	2.2	6	4.4	13	2.3
	Total	4	1.3	8	2.8	7	2.6	12	4.4	31	2.7
Not understanding	Male	6	3.9	4	2.7	3	2.2	4	2.9	17	3.0
	Female	1	0.7	5	3.7	7	5.0	1	0.7	14	2.5
	Total	7	2.3	9	3.2	10	3.7	5	1.8	31	2.7

History of metamorphopsia

		40-49yr		50-59yr		60-69yr		70-79yr		Total	
		N	%	N	%	N	%	N	%	N	%
Not recorded	Male	0	0	0	0	1	0.7	0	0	1	0.2
	Female	0	0	0	0	0	0	0	0	0	0
	Total	0	0	0	0	1	0.4	0	0	1	0.1
None	Male	137	88.4	124	83.2	116	86.6	120	87.0	497	86.3
	Female	134	92.4	124	91.9	131	94.2	120	88.9	509	91.9
	Total	271	90.3	248	87.3	247	90.5	240	87.9	1006	89.0
Sometimes	Male	10	6.5	15	10.1	12	9.0	13	9.4	50	8.7
	Female	9	6.2	5	3.7	4	2.9	12	8.9	30	5.4
	Total	19	6.3	20	7.0	16	5.9	25	9.2	80	7.1
Always	Male	3	1.9	3	2.0	2	1.5	2	1.4	10	1.7
	Female	0	0	0	0	0	0	2	1.5	2	0.4
	Total	3	1.0	3	1.1	2	0.7	4	1.5	12	1.1
Not understanding	Male	5	3.2	7	4.7	3	2.2	3	2.2	18	3.1
	Female	2	1.4	6	4.4	4	2.9	1	0.7	13	2.3
	Total	7	2.3	13	4.6	7	2.6	4	1.5	31	2.7

Dazzling feeling

		40-49yr		50-59yr		60-69yr		70-79yr		Total	
		N	%	N	%	N	%	N	%	N	%
Not recorded	Male	0	0	2	1.3	0	0	1	0.7	3	0.5
	Female	0	0	0	0	0	0	0	0	0	0
	Total	0	0	2	0.7	0	0	1	0.4	3	0.3
None	Male	99	63.9	85	57.0	77	57.5	87	63.0	348	60.4
	Female	82	56.6	76	56.3	79	56.8	82	60.7	319	57.6
	Total	181	60.3	161	56.7	156	57.1	169	61.9	667	59.0
Outdoor only	Male	45	29.0	51	34.2	43	32.1	40	29.0	179	31.1
	Female	57	39.3	53	39.3	49	35.3	43	31.9	202	36.5
	Total	102	34.0	104	36.6	92	33.7	83	30.4	381	33.7
Always	Male	1	0.6	0	0	3	2.2	0	0	4	0.7
	Female	0	0	2	1.5	2	1.4	2	1.5	6	1.1
	Total	1	0.3	2	0.7	5	1.8	2	0.7	10	0.9
Not determined	Male	10	6.5	11	7.4	11	8.2	10	7.2	42	7.3
	Female	6	4.1	4	3.0	9	6.5	8	5.9	27	4.9
	Total	16	5.3	15	5.3	20	7.3	18	6.6	69	6.1

Poor vision in dark site

		40-49yr		50-59yr		60-69yr		70-79yr		Total	
		N	%	N	%	N	%	N	%	N	%
Not recorded	Male	0	0	1	0.7	1	0.7	4	2.9	6	1.0
	Female	1	0.7	4	3.0	1	0.7	2	1.5	8	1.4
	Total	1	0.3	5	1.8	2	0.7	6	2.2	14	1.2
No problem	Male	85	54.8	62	41.6	70	52.2	64	46.4	281	48.8
	Female	76	52.4	70	51.9	70	50.4	52	38.5	268	48.4
	Total	161	53.7	132	46.5	140	51.3	116	42.5	549	48.6
Not see well	Male	54	34.8	62	41.6	43	32.1	46	33.3	205	35.6
	Female	55	37.9	49	36.3	49	35.3	62	45.9	215	38.8
	Total	109	36.3	111	39.1	92	33.7	108	39.6	420	37.2
Hard to see	Male	8	5.2	20	13.4	13	9.7	15	10.9	56	9.7
	Female	5	3.4	6	4.4	9	6.5	13	9.6	33	6.0
	Total	13	4.3	26	9.2	22	8.1	28	10.3	89	7.9
Not determined	Male	8	5.2	4	2.7	7	5.2	9	6.5	28	4.9
	Female	8	5.5	6	4.4	10	7.2	6	4.4	30	5.4
	Total	16	5.3	10	3.5	17	6.2	15	5.5	58	5.1

History of being pointed out of glaucoma

		40-49yr		50-59yr		60-69yr		70-79yr		Total	
		N	%	N	%	N	%	N	%	N	%
Not recorded	Male	0	0	0	0	0	0	1	0.7	1	0.2
	Female	0	0	0	0	0	0	1	0.7	1	0.2
	Total	0	0	0	0	0	0	2	0.7	2	0.2
None	Male	150	96.8	145	97.3	125	93.3	128	92.8	548	95.1
	Female	144	99.3	131	97.0	131	94.2	129	95.6	535	96.6
	Total	294	98.0	276	97.2	256	93.8	257	94.1	1083	95.8
Left eye	Male	0	0	0	0	0	0	2	1.4	2	0.3
	Female	0	0	0	0	0	0	1	0.7	1	0.2
	Total	0	0	0	0	0	0	3	1.1	3	0.3
Right eye	Male	0	0	0	0	0	0	2	1.4	2	0.3
	Female	0	0	0	0	0	0	0	0	0	0
	Total	0	0	0	0	0	0	2	0.7	2	0.2
Both eyes	Male	1	0.6	1	0.7	2	1.5	3	2.2	7	1.2
	Female	0	0	2	1.5	2	1.4	2	1.5	6	1.1
	Total	1	0.3	3	1.1	4	1.5	5	1.8	13	1.2
Not understanding	Male	4	2.6	3	2.0	7	5.2	2	1.4	16	2.8
	Female	1	0.7	2	1.5	6	4.3	2	1.5	11	2.0
	Total	5	1.7	5	1.8	13	4.8	4	1.5	27	2.4

History of being pointed out of cataract

		40-49yr		50-59yr		60-69yr		70-79yr		Total	
		N	%	N	%	N	%	N	%	N	%
Not recorded	Male	0	0	0	0	0	0	0	0	0	0
	Female	0	0	0	0	0	0	1	0.7	1	0.2
	Total	0	0	0	0	0	0	1	0.4	1	0.1
None	Male	152	98.1	137	91.9	113	84.3	101	73.2	503	87.3
	Female	142	97.9	128	94.8	107	77.0	74	54.8	451	81.4
	Total	294	98.0	265	93.3	220	80.6	175	64.1	954	84.4
Left eye	Male	0	0	0	0	5	3.7	7	5.1	12	2.1
	Female	3	2.1	2	1.5	4	2.9	5	3.7	14	2.5
	Total	3	1.0	2	0.7	9	3.3	12	4.4	26	2.3
Right eye	Male	0	0	2	1.3	3	2.2	2	1.4	7	1.2
	Female	0	0	1	0.7	2	1.4	7	5.2	10	1.8
	Total	0	0	3	1.1	5	1.8	9	3.3	17	1.5
Both eyes	Male	1	0.6	7	4.7	6	4.5	25	18.1	39	6.8
	Female	0	0	1	0.7	18	12.9	42	31.1	61	11.0
	Total	1	0.3	8	2.8	24	8.8	67	24.5	100	8.8
Not understanding	Male	2	1.3	3	2.0	7	5.2	3	2.2	15	2.6
	Female	0	0	3	2.2	8	5.8	6	4.4	17	3.1
	Total	2	0.7	6	2.1	15	5.5	9	3.3	32	2.8

7) Hearing ability

History of being pointed out of abnormality in hearing test

		40-49yr		50-59yr		60-69yr		70-79yr		Total	
		N	%	N	%	N	%	N	%	N	%
Not recorded	Male	4	2.6	7	4.7	8	6.0	11	8.0	30	5.2
	Female	13	9.0	10	7.4	9	6.5	4	3.0	36	6.5
	Total	17	5.7	17	6.0	17	6.2	15	5.5	66	5.8
Yes	Male	19	12.3	36	24.2	39	29.1	31	22.5	125	21.7
	Female	12	8.3	13	9.6	18	12.9	19	14.1	62	11.2
	Total	31	10.3	49	17.3	57	20.9	50	18.3	187	16.5
No	Male	128	82.6	94	63.1	75	56.0	69	50.0	366	63.5
	Female	98	67.6	90	66.7	81	58.3	52	38.5	321	57.9
	Total	226	75.3	184	64.8	156	57.1	121	44.3	687	60.8
No experience of examination	Male	4	2.6	12	8.1	12	9.0	27	19.6	55	9.5
	Female	22	15.2	22	16.3	31	22.3	60	44.4	135	24.4
	Total	26	8.7	34	12.0	43	15.8	87	31.9	190	16.8

Usage of a hearing aid

		40-49yr		50-59yr		60-69yr		70-79yr		Total	
		N	%	N	%	N	%	N	%	N	%
Not recorded	Male	0	0	0	0	0	0	0	0	0	0
	Female	1	0.7	1	0.7	0	0	0	0	2	0.4
	Total	1	0.3	1	0.4	0	0	0	0	2	0.2
Frequently	Male	0	0	2	1.3	2	1.5	2	1.4	6	1.0
	Female	0	0	0	0	1	0.7	3	2.2	4	0.7
	Total	0	0	2	0.7	3	1.1	5	1.8	10	0.9
Sometimes	Male	0	0	1	0.7	1	0.7	8	5.8	10	1.7
	Female	0	0	1	0.7	0	0	2	1.5	3	0.5
	Total	0	0	2	0.7	1	0.4	10	3.7	13	1.2
Possession without using	Male	1	0.6	0	0	0	0	6	4.3	7	1.2
	Female	0	0	0	0	0	0	1	0.7	1	0.2
	Total	1	0.3	0	0	0	0	7	2.6	8	0.7
No possession	Male	154	99.4	146	98.0	131	97.8	122	88.4	553	96.0
	Female	144	99.3	133	98.5	138	99.3	129	95.6	544	98.2
	Total	298	99.3	279	98.2	269	98.5	251	91.9	1097	97.1

Presence of tinnitus

		40-49yr		50-59yr		60-69yr		70-79yr		Total	
		N	%	N	%	N	%	N	%	N	%
Not recorded	Male	4	2.6	7	4.7	8	6.0	11	8.0	30	5.2
	Female	13	9.0	9	6.7	8	5.8	3	2.2	33	6.0
	Total	17	5.7	16	5.6	16	5.9	14	5.1	63	5.6
Always	Male	7	4.5	13	8.7	22	16.4	17	12.3	59	10.2
	Female	1	0.7	9	6.7	9	6.5	21	15.6	40	7.2
	Total	8	2.7	22	7.7	31	11.4	38	13.9	99	8.8
Sometimes	Male	38	24.5	36	24.2	43	32.1	33	23.9	150	26.0
	Female	40	27.6	33	24.4	28	20.1	25	18.5	126	22.7
	Total	78	26.0	69	24.3	71	26.0	58	21.2	276	24.4
None	Male	106	68.4	93	62.4	61	45.5	77	55.8	337	58.5
	Female	91	62.8	84	62.2	94	67.6	86	63.7	355	64.1
	Total	197	65.7	177	62.3	155	56.8	163	59.7	692	61.2

History of ear disease

		40-49yr		50-59yr		60-69yr		70-79yr		Total	
		N	%	N	%	N	%	N	%	N	%
Not recorded	Male	4	2.6	7	4.7	8	6.0	11	8.0	30	5.2
	Female	13	9.0	8	5.9	9	6.5	3	2.2	33	6.0
	Total	17	5.7	15	5.3	17	6.2	14	5.1	63	5.6
Yes	Male	36	23.2	40	26.8	30	22.4	26	18.8	132	22.9
	Female	40	27.6	28	20.7	33	23.7	31	23.0	132	23.8
	Total	76	25.3	68	23.9	63	23.1	57	20.9	264	23.4
No	Male	105	67.7	95	63.8	91	67.9	91	65.9	382	66.3
	Female	87	60.0	93	68.9	91	65.5	94	69.6	365	65.9
	Total	192	64.0	188	66.2	182	66.7	185	67.8	747	66.1
Not determined	Male	10	6.5	7	4.7	5	3.7	10	7.2	32	5.6
	Female	5	3.4	6	4.4	6	4.3	7	5.2	24	4.3
	Total	15	5.0	13	4.6	11	4.0	17	6.2	56	5.0

History of surgery on ears

		40-49yr		50-59yr		60-69yr		70-79yr		Total	
		N	%	N	%	N	%	N	%	N	%
Not recorded	Male	0	0	1	2.5	0	0	0	0	1	0.8
	Female	0	0	0	0	2	6.1	0	0	2	1.5
	Total	0	0	1	1.5	2	3.2	0	0	3	1.1
Yes	Male	3	8.3	6	15.0	2	6.7	4	15.4	15	11.4
	Female	2	5.0	2	7.1	2	6.1	0	0	6	4.5
	Total	5	6.6	8	11.8	4	6.3	4	7.0	21	8.0
No	Male	33	91.7	31	77.5	27	90.0	22	84.6	113	85.6
	Female	38	95.0	26	92.9	29	87.9	30	96.8	123	93.2
	Total	71	93.4	57	83.8	56	88.9	52	91.2	236	89.4
Not determined	Male	0	0	2	5.0	1	3.3	0	0	3	2.3
	Female	0	0	0	0	0	0	1	3.2	1	0.8
	Total	0	0	2	2.9	1	1.6	1	1.8	4	1.5

Side of operated ear

		40-49yr		50-59yr		60-69yr		70-79yr		Total	
		N	%	N	%	N	%	N	%	N	%
Not recorded	Male	0	0	2	33.3	0	0	0	0	2	13.3
	Female	0	0	0	0	0	0	0	0	0	0
	Total	0	0	2	25.0	0	0	0	0	2	9.1
Right	Male	2	66.7	3	50.0	1	50.0	0	0	6	40.0
	Female	0	0	2	100.0	1	33.3	0	0	3	42.9
	Total	2	40.0	5	62.5	2	40.0	0	0	9	40.9
Left	Male	1	33.3	0	0	0	0	4	100.0	5	33.3
	Female	0	0	0	0	1	33.3	0	0	1	14.3
	Total	1	20.0	0	0	1	20.0	4	100.0	6	27.3
Both sides	Male	0	0	1	16.7	1	50.0	0	0	2	13.3
	Female	2	100.0	0	0	1	33.3	0	0	3	42.9
	Total	2	40.0	1	12.5	2	40.0	0	0	5	22.7

History of ear disease

		40-49yr		50-59yr		60-69yr		70-79yr		Total	
		N	%	N	%	N	%	N	%	N	%
Otitis media	Male	26	72.2	29	72.5	22	73.3	16	61.5	93	70.5
	Female	28	70.0	17	60.7	18	54.5	21	67.7	84	63.6
	Total	54	71.1	46	67.6	40	63.5	37	64.9	177	67.0
Otitis externa	Male	16	44.4	6	15.0	3	10.0	6	23.1	31	23.5
	Female	19	47.5	8	28.6	5	15.2	5	16.1	37	28.0
	Total	35	46.1	14	20.6	8	12.7	11	19.3	68	25.8
Sudden deafness	Male	1	2.8	3	7.5	1	3.3	3	11.5	8	6.1
	Female	1	2.5	1	3.6	4	12.1	1	3.2	7	5.3
	Total	2	2.6	4	5.9	5	7.9	4	7.0	15	5.7
Total	Male	36	100.0	40	100.0	30	100.0	26	100.0	132	100.0
	Female	40	100.0	28	100.0	33	100.0	31	100.0	132	100.0
	Total	76	100.0	68	100.0	63	100.0	57	100.0	264	100.0

History of otitis media

		40-49yr		50-59yr		60-69yr		70-79yr		Total	
		N	%	N	%	N	%	N	%	N	%
Not recorded	Male	9	34.6	12	41.4	5	21.7	5	31.3	31	33.0
	Female	7	25.0	10	58.8	6	33.3	9	42.9	32	38.1
	Total	16	29.6	22	47.8	11	26.8	14	37.8	63	35.4
Right	Male	1	3.8	7	24.1	9	39.1	3	18.8	20	21.3
	Female	7	25.0	2	11.8	3	16.7	7	33.3	19	22.6
	Total	8	14.8	9	19.6	12	29.3	10	27.0	39	21.9
Left	Male	10	38.5	3	10.3	5	21.7	4	25.0	22	23.4
	Female	3	10.7	2	11.8	4	22.2	4	19.0	13	15.5
	Total	13	24.1	5	10.9	9	22.0	8	21.6	35	19.7
Both sides	Male	6	23.1	7	24.1	4	17.4	4	25.0	21	22.3
	Female	11	39.3	3	17.6	5	27.8	1	4.8	20	23.8
	Total	17	31.5	10	21.7	9	22.0	5	13.5	41	23.0

History of otitis externa

		40-49yr		50-59yr		60-69yr		70-79yr		Total	
		N	%	N	%	N	%	N	%	N	%
Not recorded	Male	9	56.3	4	57.1	1	33.3	2	33.3	16	50.0
	Female	5	26.3	5	62.5	3	50.0	3	60.0	16	42.1
	Total	14	40.0	9	60.0	4	44.4	5	45.5	32	45.7
Right	Male	2	12.5	0	0	0	0	1	16.7	3	9.4
	Female	4	21.1	1	12.5	2	33.3	1	20.0	8	21.1
	Total	6	17.1	1	6.7	2	22.2	2	18.2	11	15.7
Left	Male	3	18.8	1	14.3	0	0	2	33.3	6	18.8
	Female	1	5.3	0	0	1	16.7	1	20.0	3	7.9
	Total	4	11.4	1	6.7	1	11.1	3	27.3	9	12.9
Both sides	Male	2	12.5	2	28.6	2	66.7	1	16.7	7	21.9
	Female	9	47.4	2	25.0	0	0	0	0	11	28.9
	Total	11	31.4	4	26.7	2	22.2	1	9.1	18	25.7

History of sudden deafness

		40-49yr		50-59yr		60-69yr		70-79yr		Total	
		N	%	N	%	N	%	N	%	N	%
Not recorded	Male	0	0	2	66.7	0	0	1	33.3	3	37.5
	Female	0	0	0	0	1	25.0	0	0	1	14.3
	Total	0	0	2	50.0	1	20.0	1	25.0	4	26.7
Right	Male	1	100.0	1	33.3	0	0	0	0	2	25.0
	Female	1	100.0	0	0	0	0	1	100.0	2	28.6
	Total	2	100.0	1	25.0	0	0	1	25.0	4	26.7
Left	Male	0	0	0	0	1	100.0	2	66.7	3	37.5
	Female	0	0	1	100.0	3	75.0	0	0	4	57.1
	Total	0	0	1	25.0	4	80.0	2	50.0	7	46.7

Presence of noise at the place of work

		40-49yr		50-59yr		60-69yr		70-79yr		Total	
		N	%	N	%	N	%	N	%	N	%
Not recorded	Male	1	0.6	1	0.7	0	0	2	1.4	4	0.7
	Female	1	0.7	1	0.7	1	0.7	3	2.2	6	1.1
	Total	2	0.7	2	0.7	1	0.4	5	1.8	10	0.9
Exist at present	Male	31	20.0	37	24.8	12	9.0	15	10.9	95	16.5
	Female	21	14.5	16	11.9	18	12.9	18	13.3	73	13.2
	Total	52	17.3	53	18.7	30	11.0	33	12.1	168	14.9
Previously exist	Male	12	7.7	9	6.0	29	21.6	34	24.6	84	14.6
	Female	1	0.7	5	3.7	9	6.5	6	4.4	21	3.8
	Total	13	4.3	14	4.9	38	13.9	40	14.7	105	9.3
None	Male	111	71.6	102	68.5	93	69.4	87	63.0	393	68.2
	Female	122	84.1	113	83.7	111	79.9	108	80.0	454	81.9
	Total	233	77.7	215	75.7	204	74.7	195	71.4	847	75.0

Usage of headphones

		40-49yr		50-59yr		60-69yr		70-79yr		Total	
		N	%	N	%	N	%	N	%	N	%
Not recorded	Male	1	0.6	1	0.7	0	0	0	0	2	0.3
	Female	1	0.7	0	0	0	0	1	0.7	2	0.4
	Total	2	0.7	1	0.4	0	0	1	0.4	4	0.4
Frequently	Male	1	0.6	1	0.7	3	2.2	2	1.4	7	1.2
	Female	0	0	2	1.5	1	0.7	3	2.2	6	1.1
	Total	1	0.3	3	1.1	4	1.5	5	1.8	13	1.2
Sometimes	Male	13	8.4	6	4.0	9	6.7	14	10.1	42	7.3
	Female	4	2.8	4	3.0	6	4.3	3	2.2	17	3.1
	Total	17	5.7	10	3.5	15	5.5	17	6.2	59	5.2
Barely	Male	10	6.5	6	4.0	8	6.0	3	2.2	27	4.7
	Female	8	5.5	1	0.7	4	2.9	6	4.4	19	3.4
	Total	18	6.0	7	2.5	12	4.4	9	3.3	46	4.1
None	Male	130	83.9	135	90.6	114	85.1	119	86.2	498	86.5
	Female	132	91.0	128	94.8	128	92.1	122	90.4	510	92.1
	Total	262	87.3	263	92.6	242	88.6	241	88.3	1008	89.2