

Injury due to falls

		40-49yr		50-59yr		60-69yr		70-79yr		80yr-		Total	
		N	%	N	%	N	%	N	%	N	%	N	%
no injuries	Male	27	69.2	34	66.7	22	48.9	22	40.0	5	33.3	110	53.7
	Female	19	35.8	16	28.1	21	32.3	26	32.1	6	42.9	88	32.6
	Total	46	50.0	50	46.3	43	39.1	48	35.3	11	37.9	198	41.7
blow	Male	5	12.8	11	21.6	19	42.2	26	47.3	7	46.7	68	33.2
	Female	25	47.2	30	52.6	31	47.7	31	38.3	7	50.0	124	45.9
	Total	30	32.6	41	38.0	50	45.5	57	41.9	14	48.3	192	40.4
hip fracture	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	1.5	1	1.2	0	0.0	2	0.7
	Total	0	0.0	0	0.0	1	0.9	1	0.7	0	0.0	2	0.4
lumbar fracture	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	2	2.5	0	0.0	2	0.7
	Total	0	0.0	0	0.0	0	0.0	2	1.5	0	0.0	2	0.4
fracture of upper limbs	Male	1	2.6	0	0.0	0	0.0	0	0.0	0	0.0	1	0.5
	Female	0	0.0	1	1.8	3	4.6	5	6.2	0	0.0	9	3.3
	Total	1	1.1	1	0.9	3	2.7	5	3.7	0	0.0	10	2.1
others	Male	6	15.4	6	11.8	4	8.9	7	12.7	4	26.7	27	13.2
	Female	11	20.8	10	17.5	9	13.8	16	19.8	1	7.1	47	17.4
	Total	17	18.5	16	14.8	13	11.8	23	16.9	5	17.2	74	15.6

7) Dental status

Experience of gum swelling

		40-49yr		50-59yr		60-69yr		70-79yr		80yr-		Total	
		N	%	N	%	N	%	N	%	N	%	N	%
Not recorded	Male	0	0.0	0	0.0	0	0.0	1	0.4	0	0.0	1	0.1
	Female	0	0.0	0	0.0	0	0.0	0	0.0	1	2.9	1	0.1
	Total	0	0.0	0	0.0	0	0.0	1	0.2	1	1.3	2	0.1
Yes	Male	116	44.4	168	51.2	129	43.4	104	39.1	14	33.3	531	44.5
	Female	135	46.2	140	49.3	129	45.3	133	48.7	15	44.1	552	47.3
	Total	251	45.4	308	50.3	258	44.3	237	44.0	29	38.2	1083	45.9
No	Male	145	55.6	160	48.8	168	56.6	161	60.5	28	66.7	662	55.4
	Female	157	53.8	144	50.7	156	54.7	140	51.3	18	52.9	615	52.7
	Total	302	54.6	304	49.7	324	55.7	301	55.8	46	60.5	1277	54.1

Experience of toothache

		40-49yr		50-59yr		60-69yr		70-79yr		80yr-		Total	
		N	%	N	%	N	%	N	%	N	%	N	%
Not recorded	Male	0	0.0	0	0.0	1	0.3	1	0.4	0	0.0	2	0.2
	Female	0	0.0	1	0.4	1	0.4	2	0.7	0	0.0	4	0.3
	Total	0	0.0	1	0.2	2	0.3	3	0.6	0	0.0	6	0.3
Yes	Male	174	66.7	183	55.8	143	48.1	81	30.5	12	28.6	593	49.7
	Female	167	57.2	144	50.7	110	38.6	79	28.9	10	29.4	510	43.7
	Total	341	61.7	327	53.4	253	43.5	160	29.7	22	28.9	1103	46.7
No	Male	87	33.3	145	44.2	153	51.5	184	69.2	30	71.4	599	50.2
	Female	125	42.8	139	48.9	174	61.1	192	70.3	24	70.6	654	56.0
	Total	212	38.3	284	46.4	327	56.2	376	69.8	54	71.1	1253	53.0

Having hobby

		40-49yr		50-59yr		60-69yr		70-79yr		80yr-		Total	
		N	%	N	%	N	%	N	%	N	%	N	%
Not recorded	Male	2	0.8	3	0.9	3	1.0	5	1.9	1	2.4	14	1.2
	Female	0	0.0	4	1.4	3	1.1	3	1.1	1	2.9	11	0.9
	Total	2	0.4	7	1.1	6	1.0	8	1.5	2	2.6	25	1.1
Yes	Male	191	73.2	244	74.4	235	79.1	190	71.4	29	69.0	889	74.5
	Female	222	76.0	227	79.9	234	82.1	203	74.4	27	79.4	913	78.2
	Total	413	74.7	471	77.0	469	80.6	393	72.9	56	73.7	1802	76.3
No	Male	68	26.1	81	24.7	59	19.9	71	26.7	12	28.6	291	24.4
	Female	70	24.0	53	18.7	48	16.8	67	24.5	6	17.6	244	20.9
	Total	138	25.0	134	21.9	107	18.4	138	25.6	18	23.7	535	22.7

Having sack between meals

		40-49yr		50-59yr		60-69yr		70-79yr		80yr-		Total	
		N	%	N	%	N	%	N	%	N	%	N	%
Not recorded	Male	0	0.0	1	0.3	0	0.0	2	0.8	0	0.0	3	0.3
	Female	0	0.0	0	0.0	0	0.0	0	0.0	2	5.9	2	0.2
	Total	0	0.0	1	0.2	0	0.0	2	0.4	2	2.6	5	0.2
Yes	Male	169	64.8	179	54.6	163	54.9	170	63.9	31	73.8	712	59.6
	Female	268	91.8	251	88.4	221	77.5	214	78.4	27	79.4	981	84.0
	Total	437	79.0	430	70.3	384	66.0	384	71.2	58	76.3	1693	71.7
No	Male	92	35.2	148	45.1	134	45.1	94	35.3	11	26.2	479	40.1
	Female	24	8.2	33	11.6	64	22.5	59	21.6	5	14.7	185	15.8
	Total	116	21.0	181	29.6	198	34.0	153	28.4	16	21.1	664	28.1

Having family dentist

		40-49yr		50-59yr		60-69yr		70-79yr		80yr-		Total	
		N	%	N	%	N	%	N	%	N	%	N	%
Not recorded	Male	0	0.0	0	0.0	0	0.0	1	0.4	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	0.0
Yes	Male	160	61.3	239	72.9	241	81.1	227	85.3	37	88.1	904	75.7
	Female	229	78.4	242	85.2	264	92.6	252	92.3	29	85.3	1016	87.0
	Total	389	70.3	481	78.6	505	86.8	479	88.9	66	86.8	1920	81.3
No	Male	101	38.7	89	27.1	56	18.9	38	14.3	5	11.9	289	24.2
	Female	63	21.6	42	14.8	21	7.4	21	7.7	5	14.7	152	13.0
	Total	164	29.7	131	21.4	77	13.2	59	10.9	10	13.2	441	18.7

Visiting dentist for early treatment

		40-49yr		50-59yr		60-69yr		70-79yr		80yr-		Total	
		N	%	N	%	N	%	N	%	N	%	N	%
Not recorded	Male	1	0.4	1	0.3	2	0.7	1	0.4	1	2.4	6	0.5
	Female	2	0.7	0	0.0	0	0.0	1	0.4	1	2.9	4	0.3
	Total	3	0.5	1	0.2	2	0.3	2	0.4	2	2.6	10	0.4
Yes	Male	113	43.3	176	53.7	186	62.6	189	71.1	28	66.7	692	58.0
	Female	165	56.5	170	59.9	213	74.7	206	75.5	21	61.8	775	66.4
	Total	278	50.3	346	56.5	399	68.6	395	73.3	49	64.5	1467	62.1
No	Male	147	56.3	151	46.0	109	36.7	76	28.6	13	31.0	496	41.5
	Female	125	42.8	114	40.1	72	25.3	66	24.2	12	35.3	389	33.3
	Total	272	49.2	265	43.3	181	31.1	142	26.3	25	32.9	885	37.5

Experience of gum bleeding

		40-49yr		50-59yr		60-69yr		70-79yr		80yr-		Total	
		N	%	N	%	N	%	N	%	N	%	N	%
Not recorded	Male	0	0.0	1	0.3	2	0.7	1	0.4	1	2.4	5	0.4
	Female	0	0.0	0	0.0	0	0.0	3	1.1	1	2.9	4	0.3
	Total	0	0.0	1	0.2	2	0.3	4	0.7	2	2.6	9	0.4
Yes	Male	160	61.3	198	60.4	128	43.1	93	35.0	9	21.4	588	49.2
	Female	176	60.3	145	51.1	114	40.0	100	36.6	9	26.5	544	46.6
	Total	336	60.8	343	56.0	242	41.6	193	35.8	18	23.7	1132	47.9
No	Male	101	38.7	129	39.3	167	56.2	172	64.7	32	76.2	601	50.3
	Female	116	39.7	139	48.9	171	60.0	170	62.3	24	70.6	620	53.1
	Total	217	39.2	268	43.8	338	58.1	342	63.5	56	73.7	1221	51.7

Brushing teeth at least twice a day

		40-49yr		50-59yr		60-69yr		70-79yr		80yr-		Total	
		N	%	N	%	N	%	N	%	N	%	N	%
Not recorded	Male	0	0.0	0	0.0	2	0.7	2	0.8	0	0.0	4	0.3
	Female	0	0.0	0	0.0	1	0.4	0	0.0	0	0.0	1	0.1
	Total	0	0.0	0	0.0	3	0.5	2	0.4	0	0.0	5	0.2
Yes	Male	140	53.6	183	55.8	172	57.9	165	62.0	22	52.4	682	57.1
	Female	232	79.5	227	79.9	229	80.4	189	69.2	23	67.6	900	77.1
	Total	372	67.3	410	67.0	401	68.9	354	65.7	45	59.2	1582	67.0
No	Male	121	46.4	145	44.2	123	41.4	99	37.2	20	47.6	508	42.5
	Female	60	20.5	57	20.1	55	19.3	84	30.8	11	32.4	267	22.9
	Total	181	32.7	202	33.0	178	30.6	183	34.0	31	40.8	775	32.8

Having own toothbrush

		40-49yr		50-59yr		60-69yr		70-79yr		80yr-		Total	
		N	%	N	%	N	%	N	%	N	%	N	%
Not recorded	Male	0	0.0	0	0.0	0	0.0	1	0.4	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	0.0
Yes	Male	256	98.1	325	99.1	296	99.7	259	97.4	39	92.9	1175	98.4
	Female	290	99.3	282	99.3	284	99.6	271	99.3	32	94.1	1159	99.2
	Total	546	98.7	607	99.2	580	99.7	530	98.3	71	93.4	2334	98.8
No	Male	5	1.9	3	0.9	1	0.3	6	2.3	3	7.1	18	1.5
	Female	2	0.7	2	0.7	1	0.4	2	0.7	2	5.9	9	0.8
	Total	7	1.3	5	0.8	2	0.3	8	1.5	5	6.6	27	1.1

8) Menstruation (only for females)

Presence of menstration

	40-49yr		50-59yr		60-69yr		70-79yr		80yr-		Total	
	N	%	N	%	N	%	N	%	N	%	N	%
Yes	256	87.7	39	13.7	0	0.0	0	0.0	0	0.0	295	25.3
No	29	9.9	234	82.4	285	100.0	273	100.0	34	100.0	855	73.2
Can not determine	7	2.4	11	3.9	0	0.0	0	0.0	0	0.0	18	1.5

Age of the last menstration (for the menstrual females)

	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
Total	43.8	5.2	29	49.5	4.2	234	49.4	4.8	283	49.6	4.7	263	49.1	4.6	32	49.3	4.7	841

History of hysterectomy (for post menopausal females)

	40-49yr		50-59yr		60-69yr		70-79yr		80yr-		Total	
	N	%	N	%	N	%	N	%	N	%	N	%
Not recorded	0	0.0	3	1.3	0	0.0	7	2.6	1	2.9	11	1.3
Yes	13	44.8	30	12.8	46	16.1	41	15.0	5	14.7	135	15.8
No	16	55.2	201	85.9	238	83.5	224	82.1	28	82.4	707	82.7
Can not recall	0	0.0	0	0.0	1	0.4	1	0.4	0	0.0	2	0.2

Age at hysterectomy (for histrectomy females)

	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
Total	41.5	5.1	13	42.6	8.1	30	44.7	7.4	44	45.0	10.0	41	47.8	10.5	5	44.1	8.4	133

Ovary is remained (for histrectomy females)

	40-49yr		50-59yr		60-69yr		70-79yr		80yr-		Total	
	N	%	N	%	N	%	N	%	N	%	N	%
Not recorded	0	0.0	0	0.0	2	4.3	0	0.0	0	0.0	2	1.5
Yes	11	84.6	23	76.7	26	56.5	25	61.0	2	40.0	87	64.4
No	2	15.4	5	16.7	13	28.3	12	29.3	3	60.0	35	25.9
Can not recall	0	0.0	2	6.7	5	10.9	4	9.8	0	0.0	11	8.1

Change of menstration period

	40-49yr		50-59yr		Total	
	N	%	N	%	N	%
Not recorded	1	0.4	0	0.0	1	0.3
Yes	109	42.6	32	82.1	141	47.8
No	141	55.1	6	15.4	147	49.8
Can not determine	5	2.0	1	2.6	6	2.0

9) Hearing

History of being pointed out of abnormality in hearing test

		40-49yr		50-59yr		60-69yr		70-79yr		80yr-		Total	
		N	%	N	%	N	%	N	%	N	%	N	%
Yes	Male	30	11.5	65	19.8	98	33.0	91	34.2	16	38.1	300	25.1
	Female	21	7.2	34	12.0	52	18.2	64	23.4	10	29.4	181	15.5
	Total	51	9.2	99	16.2	150	25.8	155	28.8	26	34.2	481	20.4
No	Male	226	86.6	254	77.4	185	62.3	134	50.4	22	52.4	821	68.8
	Female	235	80.5	227	79.9	195	68.4	147	53.8	15	44.1	819	70.1
	Total	461	83.4	481	78.6	380	65.3	281	52.1	37	48.7	1640	69.4
No experience of examination	Male	5	1.9	9	2.7	14	4.7	41	15.4	4	9.5	73	6.1
	Female	36	12.3	23	8.1	38	13.3	61	22.3	9	26.5	167	14.3
	Total	41	7.4	32	5.2	52	8.9	102	18.9	13	17.1	240	10.2

Usage of a hearing aid

		40-49yr		50-59yr		60-69yr		70-79yr		80yr-		Total	
		N	%	N	%	N	%	N	%	N	%	N	%
Not recorded	Male	1	0.4	0	0.0	0	0.0	1	0.4	0	0.0	2	0.2
	Female	2	0.7	0	0.0	1	0.4	2	0.7	0	0.0	5	0.4
	Total	3	0.5	0	0.0	1	0.2	3	0.6	0	0.0	7	0.3
Frequently	Male	0	0.0	2	0.6	3	1.0	13	4.9	5	11.9	23	1.9
	Female	0	0.0	0	0.0	2	0.7	4	1.5	1	2.9	7	0.6
	Total	0	0.0	2	0.3	5	0.9	17	3.2	6	7.9	30	1.3
Sometimes	Male	0	0.0	0	0.0	4	1.3	7	2.6	1	2.4	12	1.0
	Female	0	0.0	0	0.0	0	0.0	2	0.7	2	5.9	4	0.3
	Total	0	0.0	0	0.0	4	0.7	9	1.7	3	3.9	16	0.7
Possession without using	Male	0	0.0	0	0.0	4	1.3	10	3.8	3	7.1	17	1.4
	Female	0	0.0	0	0.0	0	0.0	3	1.1	0	0.0	3	0.3
	Total	0	0.0	0	0.0	4	0.7	13	2.4	3	3.9	20	0.8
No possession	Male	260	99.6	326	99.4	286	96.3	235	88.3	33	78.6	1140	95.5
	Female	290	99.3	284	100.0	282	98.9	262	96.0	31	91.2	1149	98.4
	Total	550	99.5	610	99.7	568	97.6	497	92.2	64	84.2	2289	96.9

Presence of tinnitus

		40-49yr		50-59yr		60-69yr		70-79yr		80yr-		Total	
		N	%	N	%	N	%	N	%	N	%	N	%
Not recorded	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	0.4	0	0.0	1	0.1
	Total	0	0.0	0	0.0	0	0.0	1	0.2	0	0.0	1	0.0
Always	Male	12	4.6	32	9.8	54	18.2	54	20.3	12	28.6	164	13.7
	Female	4	1.4	12	4.2	41	14.4	43	15.8	4	11.8	104	8.9
	Total	16	2.9	44	7.2	95	16.3	97	18.0	16	21.1	268	11.3
Sometimes	Male	88	33.7	93	28.4	79	26.6	57	21.4	11	26.2	328	27.5
	Female	90	30.8	72	25.4	54	18.9	76	27.8	12	35.3	304	26.0
	Total	178	32.2	165	27.0	133	22.9	133	24.7	23	30.3	632	26.8
No	Male	161	61.7	203	61.9	163	54.9	155	58.3	19	45.2	701	58.7
	Female	198	67.8	200	70.4	190	66.7	153	56.0	18	52.9	759	65.0
	Total	359	64.9	403	65.8	353	60.7	308	57.1	37	48.7	1460	61.8

Location of tinnitus

		40-49yr		50-59yr		60-69yr		70-79yr		80yr-		Total	
		N	%	N	%	N	%	N	%	N	%	N	%
Not recorded	Male	2	2.0	3	2.4	3	2.3	4	3.6	0	0.0	12	2.4
	Female	1	1.1	2	2.4	0	0.0	5	4.2	0	0.0	8	2.0
	Total	3	1.5	5	2.4	3	1.3	9	3.9	0	0.0	20	2.2
Right side	Male	21	21.0	22	17.6	26	19.5	17	15.3	5	21.7	91	18.5
	Female	15	16.0	18	21.4	22	23.2	27	22.7	2	12.5	84	20.6
	Total	36	18.6	40	19.1	48	21.1	44	19.1	7	17.9	175	19.4
Center	Male	13	13.0	27	21.6	42	31.6	36	32.4	6	26.1	124	25.2
	Female	14	14.9	21	25.0	23	24.2	29	24.4	2	12.5	89	21.8
	Total	27	13.9	48	23.0	65	28.5	65	28.3	8	20.5	213	23.7
Left side	Male	17	17.0	14	11.2	19	14.3	18	16.2	7	30.4	75	15.2
	Female	6	6.4	4	4.8	8	8.4	20	16.8	1	6.3	39	9.6
	Total	23	11.9	18	8.6	27	11.8	38	16.5	8	20.5	114	12.7
Not determined	Male	47	47.0	59	47.2	43	32.3	36	32.4	5	21.7	190	38.6
	Female	58	61.7	39	46.4	42	44.2	38	31.9	11	68.8	188	46.1
	Total	105	54.1	98	46.9	85	37.3	74	32.2	16	41.0	378	42.0

Difficulty in hearing due to tinnitus

		40-49yr		50-59yr		60-69yr		70-79yr		80yr-		Total	
		N	%	N	%	N	%	N	%	N	%	N	%
Not recorded	Male	2	2.0	1	0.8	2	1.5	2	1.8	0	0.0	7	1.4
	Female	1	1.1	0	0.0	0	0.0	0	0.0	0	0.0	1	0.2
	Total	3	1.5	1	0.5	2	0.9	2	0.9	0	0.0	8	0.9
Always	Male	4	4.0	2	1.6	12	9.0	16	14.4	7	30.4	41	8.3
	Female	1	1.1	4	4.8	12	12.6	15	12.6	1	6.3	33	8.1
	Total	5	2.6	6	2.9	24	10.5	31	13.5	8	20.5	74	8.2
Sometimes	Male	19	19.0	30	24.0	32	24.1	43	38.7	5	21.7	129	26.2
	Female	7	7.4	13	15.5	20	21.1	30	25.2	3	18.8	73	17.9
	Total	26	13.4	43	20.6	52	22.8	73	31.7	8	20.5	202	22.4
No	Male	75	75.0	92	73.6	87	65.4	50	45.0	11	47.8	315	64.0
	Female	85	90.4	67	79.8	63	66.3	74	62.2	12	75.0	301	73.8
	Total	160	82.5	159	76.1	150	65.8	124	53.9	23	59.0	616	68.4

Feeling uncomfortable due to tinnitus

		40-49yr		50-59yr		60-69yr		70-79yr		80yr-		Total	
		N	%	N	%	N	%	N	%	N	%	N	%
Not recorded	Male	2	2.0	1	0.8	1	0.8	2	1.8	1	4.3	7	1.4
	Female	3	3.2	1	1.2	0	0.0	0	0.0	0	0.0	4	1.0
	Total	5	2.6	2	1.0	1	0.4	2	0.9	1	2.6	11	1.2
Yes, always	Male	11	11.0	10	8.0	9	6.8	17	15.3	4	17.4	51	10.4
	Female	11	11.7	13	15.5	14	14.7	24	20.2	3	18.8	65	15.9
	Total	22	11.3	23	11.0	23	10.1	41	17.8	7	17.9	116	12.9
Yes, sometimes	Male	47	47.0	63	50.4	48	36.1	44	39.6	11	47.8	213	43.3
	Female	47	50.0	41	48.8	43	45.3	48	40.3	5	31.3	184	45.1
	Total	94	48.5	104	49.8	91	39.9	92	40.0	16	41.0	397	44.1
No	Male	40	40.0	51	40.8	75	56.4	48	43.2	7	30.4	221	44.9
	Female	33	35.1	29	34.5	33	40.0	47	39.5	8	50.0	155	38.0
	Total	73	37.6	80	38.3	113	49.6	95	41.3	15	38.5	376	41.8

History of ear disease

		40-49yr		50-59yr		60-69yr		70-79yr		80yr-		Total	
		N	%	N	%	N	%	N	%	N	%	N	%
Not recorded	Male	4	1.5	0	0.0	0	0.0	1	0.4	0	0.0	5	0.4
	Female	1	0.3	3	1.1	1	0.4	1	0.4	0	0.0	6	0.5
	Total	5	0.9	3	0.5	1	0.2	2	0.4	0	0.0	11	0.5
Yes	Male	82	31.4	97	29.6	82	27.6	59	22.2	5	11.9	325	27.2
	Female	112	38.4	88	31.0	69	24.2	73	26.7	10	29.4	352	30.1
	Total	194	35.1	185	30.2	151	25.9	132	24.5	15	19.7	677	28.7
No	Male	162	62.1	213	64.9	201	67.7	185	69.5	35	83.3	796	66.7
	Female	170	58.2	183	64.4	204	71.6	183	67.0	23	67.6	763	65.3
	Total	332	60.0	396	64.7	405	69.6	368	68.3	58	76.3	1559	66.0
Not determined	Male	13	5.0	18	5.5	14	4.7	21	7.9	2	4.8	68	5.7
	Female	9	3.1	10	3.5	11	3.9	16	5.9	1	2.9	47	4.0
	Total	22	4.0	28	4.6	25	4.3	37	6.9	3	3.9	115	4.9

History of surgery on ears

		40-49yr		50-59yr		60-69yr		70-79yr		80yr-		Total	
		N	%	N	%	N	%	N	%	N	%	N	%
Not recorded	Male	1	1.2	1	1.0	0	0.0	1	1.7	0	0.0	3	0.9
	Female	1	0.9	0	0.0	0	0.0	1	1.4	0	0.0	2	0.6
	Total	2	1.0	1	0.5	0	0.0	2	1.5	0	0.0	5	0.7
Yes	Male	4	4.9	7	7.2	12	14.6	7	11.9	0	0.0	30	9.2
	Female	5	4.5	4	4.5	4	5.8	10	13.7	0	0.0	23	6.5
	Total	9	4.6	11	5.9	16	10.6	17	12.9	0	0.0	53	7.8
No	Male	77	93.9	86	88.7	69	84.1	50	84.7	5	100.0	287	88.3
	Female	104	92.9	81	92.0	61	88.4	59	80.8	10	100.0	315	89.5
	Total	181	93.3	167	90.3	130	86.1	109	82.6	15	100.0	602	88.9
Not determined	Male	0	0.0	3	3.1	1	1.2	1	1.7	0	0.0	5	1.5
	Female	2	1.8	3	3.4	4	5.8	3	4.1	0	0.0	12	3.4
	Total	2	1.0	6	3.2	5	3.3	4	3.0	0	0.0	17	2.5

Side of operated ear

		40-49yr		50-59yr		60-69yr		70-79yr		Total	
		N	%	N	%	N	%	N	%	N	%
Not recorded	Male	1	25.0	4	57.1	2	16.7	2	28.6	9	30.0
	Female	3	60.0	2	50.0	1	25.0	1	10.0	7	30.4
	Total	4	44.4	6	54.5	3	18.8	3	17.6	16	30.2
Right	Male	0	0.0	2	28.6	4	33.3	2	28.6	8	26.7
	Female	1	20.0	2	50.0	0	0.0	3	30.0	6	26.1
	Total	1	11.1	4	36.4	4	25.0	5	29.4	14	26.4
Left	Male	2	50.0	1	14.3	5	41.7	2	28.6	10	33.3
	Female	0	0.0	0	0.0	2	50.0	4	40.0	6	26.1
	Total	2	22.2	1	9.1	7	43.8	6	35.3	16	30.2
Both sides	Male	1	25.0	0	0.0	1	8.3	1	14.3	3	10.0
	Female	1	20.0	0	0.0	1	25.0	2	20.0	4	17.4
	Total	2	22.2	0	0.0	2	12.5	3	17.6	7	13.2

History of ear disease

		40-49yr		50-59yr		60-69yr		70-79yr		80yr-		Total	
		N	%	N	%	N	%	N	%	N	%	N	%
Otitis media	Male	61	74.4	76	78.4	58	70.7	38	64.4	4	80.0	237	72.9
	Female	70	62.5	60	68.2	37	53.6	43	58.9	3	30.0	213	60.5
	Total	131	67.5	136	73.5	95	62.9	81	61.4	7	46.7	450	66.5
Otitis externa	Male	31	37.8	19	19.6	9	11.0	7	11.9	1	20.0	67	20.6
	Female	51	45.5	32	36.4	18	26.1	7	9.6	1	10.0	109	31.0
	Total	82	42.3	51	27.6	27	17.9	14	10.6	2	13.3	176	26.0
Sudden deafness	Male	1	1.2	3	3.1	8	9.8	8	13.6	1	20.0	21	6.5
	Female	9	8.0	3	3.4	9	13.0	5	6.8	2	20.0	28	8.0
	Total	10	5.2	6	3.2	17	11.3	13	9.8	3	20.0	49	7.2
Total	Male	82	100.0	97	100.0	82	100.0	59	100.0	5	100.0	325	100.0
	Female	112	100.0	88	100.0	69	100.0	73	100.0	10	100.0	352	100.0
	Total	194	100.0	185	100.0	151	100.0	132	100.0	15	100.0	677	100.0

Otitis media

		40-49yr		50-59yr		60-69yr		70-79yr		80yr-		Total	
		N	%	N	%	N	%	N	%	N	%	N	%
Not recorded	Male	31	50.8	39	51.3	24	40.7	13	34.2	0	0.0	107	45.0
	Female	34	48.6	26	43.3	14	36.8	17	39.5	0	0.0	91	42.5
	Total	65	49.6	65	47.8	38	39.2	30	37.0	0	0.0	198	43.8
Right	Male	1	1.6	11	14.5	10	16.9	7	18.4	1	25.0	30	12.6
	Female	4	5.7	7	11.7	9	23.7	12	27.9	3	100.0	35	16.4
	Total	5	3.8	18	13.2	19	19.6	19	23.5	4	57.1	65	14.4
Left	Male	9	14.8	8	10.5	14	23.7	8	21.1	1	25.0	40	16.8
	Female	9	12.9	9	15.0	8	21.1	7	16.3	0	0.0	33	15.4
	Total	18	13.7	17	12.5	22	22.7	15	18.5	1	14.3	73	16.2
Both sides	Male	20	32.8	18	23.7	11	18.6	10	26.3	2	50.0	61	25.6
	Female	23	32.9	18	30.0	7	18.4	7	16.3	0	0.0	55	25.7
	Total	43	32.8	36	26.5	18	18.6	17	21.0	2	28.6	116	25.7

Otitis externa

		40-49yr		50-59yr		60-69yr		70-79yr		80yr-		Total	
		N	%	N	%	N	%	N	%	N	%	N	%
Not recorded	Male	14	45.2	10	52.6	6	66.7	1	14.3	0	0.0	31	46.3
	Female	24	47.1	11	34.4	6	31.6	1	14.3	1	100.0	43	39.1
	Total	38	46.3	21	41.2	12	42.9	2	14.3	1	50.0	74	41.8
Right	Male	4	12.9	2	10.5	1	11.1	4	57.1	0	0.0	11	16.4
	Female	4	7.8	5	15.6	7	36.8	2	28.6	0	0.0	18	16.4
	Total	8	9.8	7	13.7	8	28.6	6	42.9	0	0.0	29	16.4
Left	Male	5	16.1	4	21.1	0	0.0	1	14.3	1	100.0	11	16.4
	Female	7	13.7	4	12.5	3	15.8	4	57.1	0	0.0	18	16.4
	Total	12	14.6	8	15.7	3	10.7	5	35.7	1	50.0	29	16.4
Both sides	Male	8	25.8	3	15.8	2	22.2	1	14.3	0	0.0	14	20.9
	Female	16	31.4	12	37.5	3	15.8	0	0.0	0	0.0	31	28.2
	Total	24	29.3	15	29.4	5	17.9	1	7.1	0	0.0	45	25.4

Sudden deafness

		40-49yr		50-59yr		60-69yr		70-79yr		80yr-		Total	
		N	%	N	%	N	%	N	%	N	%	N	%
Not recorded	Male	0	0.0	0	0.0	2	25.0	1	12.5	0	0.0	3	14.3
	Female	2	22.2	0	0.0	2	20.0	2	40.0	1	50.0	7	24.1
	Total	2	20.0	0	0.0	4	22.2	3	23.1	1	33.3	10	20.0
Right	Male	0	0.0	2	66.7	0	0.0	0	0.0	0	0.0	2	9.5
	Female	5	55.6	1	33.3	3	30.0	0	0.0	0	0.0	9	31.0
	Total	5	50.0	3	50.0	3	16.7	0	0.0	0	0.0	11	22.0
Left	Male	1	100.0	1	33.3	6	75.0	5	62.5	0	0.0	13	61.9
	Female	2	22.2	2	66.7	3	30.0	3	60.0	0	0.0	10	34.5
	Total	3	30.0	3	50.0	9	50.0	8	61.5	0	0.0	23	46.0
Both sides	Male	0	0.0	0	0.0	0	0.0	2	25.0	1	100.0	3	14.3
	Female	0	0.0	0	0.0	2	20.0	0	0.0	1	50.0	3	10.3
	Total	0	0.0	0	0.0	2	11.1	2	15.4	2	66.7	6	12.0

Presence of noise at the place of work

		40-49yr		50-59yr		60-69yr		70-79yr		80yr-		Total	
		N	%	N	%	N	%	N	%	N	%	N	%
Not recorded	Male	0	0.0	0	0.0	0	0.0	1	0.4	1	2.4	2	0.2
	Female	0	0.0	0	0.0	3	1.1	3	1.1	1	2.9	7	0.6
	Total	0	0.0	0	0.0	3	0.5	4	0.7	2	2.6	9	0.4
Exist at present	Male	67	25.7	61	18.6	39	13.1	20	7.5	6	14.3	193	16.2
	Female	18	6.2	42	14.8	29	10.2	43	15.8	6	17.6	138	11.8
	Total	85	15.4	103	16.8	68	11.7	63	11.7	12	15.8	331	14.0
Previously exist	Male	13	5.0	30	9.1	55	18.5	68	25.6	3	7.1	169	14.2
	Female	11	3.8	14	4.9	29	10.2	17	6.2	1	2.9	72	6.2
	Total	24	4.3	44	7.2	84	14.4	85	15.8	4	5.3	241	10.2
None	Male	181	69.3	237	72.3	203	68.4	177	66.5	32	76.2	830	69.5
	Female	263	90.1	228	80.3	224	78.6	210	76.9	26	76.5	951	81.4
	Total	444	80.3	465	76.0	427	73.4	387	71.8	58	76.3	1781	75.4

Presence of noise at home

		40-49yr		50-59yr		60-69yr		70-79yr		80yr-		Total	
		N	%	N	%	N	%	N	%	N	%	N	%
Yes (at present)	Male	19	7.3	17	5.2	37	12.5	28	10.5	6	14.3	107	9.0
	Female	31	10.6	26	9.2	26	9.1	43	15.8	1	2.9	127	10.9
	Total	50	9.0	43	7.0	63	10.8	71	13.2	7	9.2	234	9.9
Yes (previously)	Male	8	3.1	4	1.2	2	0.7	7	2.6	1	2.4	22	1.8
	Female	9	3.1	3	1.1	5	1.8	9	3.3	2	5.9	28	2.4
	Total	17	3.1	7	1.1	7	1.2	16	3.0	3	3.9	50	2.1
No	Male	234	89.7	307	93.6	258	86.9	231	86.8	35	83.3	1065	89.2
	Female	252	86.3	255	89.8	254	89.1	221	81.0	31	91.2	1013	86.7
	Total	486	87.9	562	91.8	512	88.0	452	83.9	66	86.8	2078	88.0

Duration of current resident in noisy place (years)

	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	22.6	17.2	19	24.1	11.4	16	26.6	18.5	36	26.6	20.0	27	30.8	25.4	6	25.8	18.0	104
Female	13.6	9.3	31	18.3	11.8	26	25.7	15.5	22	29.5	18.3	42	60.0	.	1	22.7	16.1	122
Total	17.0	13.5	50	20.5	11.9	42	26.3	17.3	58	28.4	18.9	69	35.0	25.7	7	24.1	17.1	226

Age of starting to live in noisy environment (years old) for ex-residents in noisy place

	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	15.1	15.0	8	26.0	19.3	4	27.0	4.2	2	22.1	17.3	7	55.0	.	1	22.2	17.0	22
Female	19.9	13.1	9	23.0	8.5	3	37.0	10.8	5	24.8	17.2	9	18.0	17.0	2	24.7	14.5	28
Total	17.6	13.8	17	24.7	14.6	7	34.1	10.2	7	23.6	16.7	16	30.3	24.5	3	23.6	15.6	50

Duration in noisy environment (years) for ex-residents in noisy place

	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	13.4	8	9.8	6.2	4	14.5	10.6	2	32.7	19.1	7	10.0	.	1	20.4	16.1	22
Female	12.4	8.7	9	9.3	7.8	3	16.6	11.8	5	36.9	19.1	9	43.5	9.2	2	22.9	17.9	28
Total	14.9	11.1	17	9.6	6.3	7	16.0	10.6	7	35.1	18.6	16	32.3	20.4	3	21.8	17.0	50

Going to noisy place

		40-49yr		50-59yr		60-69yr		70-79yr		80yr-		Total	
		N	%	N	%	N	%	N	%	N	%	N	%
Frequently	Male	25	9.6	26	7.9	18	6.1	8	3.0	2	4.8	79	6.6
	Female	5	1.7	8	2.8	14	4.9	4	1.5	0	0.0	31	2.7
	Total	30	5.4	34	5.6	32	5.5	12	2.2	2	2.6	110	4.7
Sometimes	Male	67	25.7	83	25.3	80	26.9	38	14.3	7	16.7	275	23.0
	Female	64	21.9	54	19.0	64	22.5	38	13.9	6	17.6	226	19.3
	Total	131	23.7	137	22.4	144	24.7	76	14.1	13	17.1	501	21.2
Rarely	Male	169	64.8	219	66.8	199	67.0	220	82.7	33	78.6	840	70.4
	Female	223	76.4	222	78.2	207	72.6	231	84.6	28	82.4	911	78.0
	Total	392	70.9	441	72.1	406	69.8	451	83.7	61	80.3	1751	74.1

Usage of headphones

		40-49yr		50-59yr		60-69yr		70-79yr		80yr-		Total	
		N	%	N	%	N	%	N	%	N	%	N	%
Not recorded	Male	0	0.0	0	0.0	0	0.0	0	0.0	1	2.4	1	0.1
	Female	0	0.0	0	0.0	0	0.0	3	1.1	0	0.0	3	0.3
	Total	0	0.0	0	0.0	0	0.0	3	0.6	1	1.3	4	0.2
Frequently	Male	9	3.4	5	1.5	6	2.0	7	2.6	0	0.0	27	2.3
	Female	8	2.7	1	0.4	4	1.4	1	0.4	0	0.0	14	1.2
	Total	17	3.1	6	1.0	10	1.7	8	1.5	0	0.0	41	1.7
Sometimes	Male	23	8.8	19	5.8	23	7.7	21	7.9	3	7.1	89	7.5
	Female	10	3.4	13	4.6	9	3.2	18	6.6	2	5.9	52	4.5
	Total	33	6.0	32	5.2	32	5.5	39	7.2	5	6.6	141	6.0
Rarely	Male	50	19.2	34	10.4	24	8.1	17	6.4	2	4.8	127	10.6
	Female	38	13.0	11	3.9	14	4.9	6	2.2	2	5.9	71	6.1
	Total	88	15.9	45	7.4	38	6.5	23	4.3	4	5.3	198	8.4
None	Male	179	68.6	270	82.3	244	82.2	221	83.1	36	85.7	950	79.6
	Female	236	80.8	259	91.2	258	90.5	245	89.7	30	88.2	1028	88.0
	Total	415	75.0	529	86.4	502	86.3	466	86.5	66	86.8	1978	83.7

Usage of earphones

		40-49yr		50-59yr		60-69yr		70-79yr		80yr-		Total	
		N	%	N	%	N	%	N	%	N	%	N	%
Not recorded	Male	0	0.0	0	0.0	0	0.0	0	0.0	1	2.4	1	0.1
	Female	1	0.3	0	0.0	0	0.0	2	0.7	0	0.0	3	0.3
	Total	1	0.2	0	0.0	0	0.0	2	0.4	1	1.3	4	0.2
Yes (right ear)	Male	8	3.1	10	3.0	14	4.7	17	6.4	1	2.4	50	4.2
	Female	5	1.7	3	1.1	9	3.2	19	7.0	1	2.9	37	3.2
	Total	13	2.4	13	2.1	23	4.0	36	6.7	2	2.6	87	3.7
Yes (left ear)	Male	9	3.4	15	4.6	17	5.7	17	6.4	1	2.4	59	4.9
	Female	2	0.7	1	0.4	7	2.5	5	1.8	2	5.9	17	1.5
	Total	11	2.0	16	2.6	24	4.1	22	4.1	3	3.9	76	3.2
Yes (bilateral ears)	Male	12	4.6	18	5.5	16	5.4	30	11.3	2	4.8	78	6.5
	Female	12	4.1	8	2.8	14	4.9	10	3.7	4	11.8	48	4.1
	Total	24	4.3	26	4.2	30	5.2	40	7.4	6	7.9	126	5.3
No	Male	232	88.9	285	86.9	250	84.2	202	75.9	37	88.1	1006	84.3
	Female	272	93.2	272	95.8	255	89.5	237	86.8	27	79.4	1063	91.0
	Total	504	91.1	557	91.0	505	86.8	439	81.4	64	84.2	2069	87.6

Self perception of hearing disturbance

		40-49yr		50-59yr		60-69yr		70-79yr		80yr-		Total	
		N	%	N	%	N	%	N	%	N	%	N	%
Yes, always	Male	14	5.4	35	10.7	39	13.1	68	25.6	16	38.1	172	14.4
	Female	13	4.5	28	9.9	43	15.1	55	20.1	11	32.4	150	12.8
	Total	27	4.9	63	10.3	82	14.1	123	22.8	27	35.5	322	13.6
Yes, sometimes	Male	92	35.2	103	31.4	107	36.0	96	36.1	11	26.2	409	34.3
	Female	93	31.8	104	36.6	102	35.8	86	31.5	15	44.1	400	34.2
	Total	185	33.5	207	33.8	209	35.9	182	33.8	26	34.2	809	34.3
No	Male	155	59.4	190	57.9	151	50.8	102	38.3	15	35.7	613	51.3
	Female	186	63.7	152	53.5	140	49.1	132	48.4	8	23.5	618	52.9
	Total	341	61.7	342	55.9	291	50.0	234	43.4	23	30.3	1231	52.1

Pointing out of hearing disturbance by others

		40-49yr		50-59yr		60-69yr		70-79yr		80yr-		Total	
		N	%	N	%	N	%	N	%	N	%	N	%
Not recorded	Male	0	0.0	0	0.0	0	0.0	1	0.4	0	0.0	1	0.1
	Female	0	0.0	0	0.0	0	0.0	0	0.0	1	2.9	1	0.1
	Total	0	0.0	0	0.0	0	0.0	1	0.2	1	1.3	2	0.1
Always	Male	9	3.4	16	4.9	27	9.1	42	15.8	11	26.2	105	8.8
	Female	6	2.1	4	1.4	13	4.6	25	9.2	4	11.8	52	4.5
	Total	15	2.7	20	3.3	40	6.9	67	12.4	15	19.7	157	6.6
Sometimes	Male	53	20.3	75	22.9	67	22.6	83	31.2	12	28.6	290	24.3
	Female	43	14.7	61	21.5	49	17.2	55	20.1	12	35.3	220	18.8
	Total	96	17.4	136	22.2	116	19.9	138	25.6	24	31.6	510	21.6
None	Male	199	76.2	237	72.3	203	68.4	140	52.6	19	45.2	798	66.8
	Female	243	83.2	219	77.1	223	78.2	193	70.7	17	50.0	895	76.6
	Total	442	79.9	456	74.5	426	73.2	333	61.8	36	47.4	1693	71.7

Limitation of daily living due to hearing disturbance

		40-49yr		50-59yr		60-69yr		70-79yr		80yr-		Total	
		N	%	N	%	N	%	N	%	N	%	N	%
Not recorded	Male	7	5.8	9	6.0	10	6.5	9	5.2	1	3.4	36	5.7
	Female	6	5.5	11	7.8	14	9.3	6	4.1	0	0.0	37	6.5
	Total	13	5.7	20	6.9	24	7.9	15	4.7	1	1.8	73	6.1
Always	Male	3	2.5	2	1.3	8	5.2	19	10.9	3	10.3	35	5.6
	Female	1	0.9	2	1.4	5	3.3	5	3.4	2	7.7	15	2.6
	Total	4	1.7	4	1.4	13	4.3	24	7.5	5	9.1	50	4.2
Sometimes	Male	9	7.4	13	8.7	15	9.7	28	16.1	11	37.9	76	12.1
	Female	5	4.6	6	4.3	16	10.6	26	17.8	8	30.8	61	10.6
	Total	14	6.1	19	6.6	31	10.2	54	16.9	19	34.5	137	11.4
None	Male	102	84.3	125	83.9	121	78.6	118	67.8	14	48.3	480	76.6
	Female	97	89.0	122	86.5	116	76.8	109	74.7	16	61.5	460	80.3
	Total	199	86.5	247	85.2	237	77.7	227	70.9	30	54.5	940	78.3

Loss of self-confidence due to hearing disturbance

		40-49yr		50-59yr		60-69yr		70-79yr		80yr-		Total	
		N	%	N	%	N	%	N	%	N	%	N	%
Not recorded	Male	7	5.8	9	6.0	10	6.5	10	5.7	1	3.4	37	5.9
	Female	6	5.5	11	7.8	14	9.3	7	4.8	0	0.0	38	6.6
	Total	13	5.7	20	6.9	24	7.9	17	5.3	1	1.8	75	6.3
Always	Male	2	1.7	1	0.7	3	1.9	12	6.9	2	6.9	20	3.2
	Female	1	0.9	3	2.1	3	2.0	5	3.4	2	7.7	14	2.4
	Total	3	1.3	4	1.4	6	2.0	17	5.3	4	7.3	34	2.8
Sometimes	Male	12	9.9	17	11.4	16	10.4	33	19.0	6	20.7	84	13.4
	Female	12	11.0	15	10.6	20	13.2	30	20.5	4	15.4	81	14.1
	Total	24	10.4	32	11.0	36	11.8	63	19.7	10	18.2	165	13.8
None	Male	100	82.6	122	81.9	125	81.2	119	68.4	20	69.0	486	77.5
	Female	90	82.6	112	79.4	114	75.5	104	71.2	20	76.9	440	76.8
	Total	190	82.6	234	80.7	239	78.4	223	69.7	40	72.7	926	77.2

Difficulty in catching words

		40-49yr		50-59yr		60-69yr		70-79yr		80yr-		Total	
		N	%	N	%	N	%	N	%	N	%	N	%
Not recorded	Male	7	5.8	9	6.0	10	6.5	10	5.7	1	3.4	37	5.9
	Female	6	5.5	12	8.5	14	9.3	6	4.1	0	0.0	38	6.6
	Total	13	5.7	21	7.2	24	7.9	16	5.0	1	1.8	75	6.3
Always	Male	9	7.4	24	16.1	29	18.8	49	28.2	12	41.4	123	19.6
	Female	8	7.3	7	5.0	22	14.6	32	21.9	10	38.5	79	13.8
	Total	17	7.4	31	10.7	51	16.7	81	25.3	22	40.0	202	16.8
Sometimes	Male	68	56.2	78	52.3	87	56.5	94	54.0	13	44.8	340	54.2
	Female	75	68.8	103	73.0	95	62.9	92	63.0	12	46.2	377	65.8
	Total	143	62.2	181	62.4	182	59.7	186	58.1	25	45.5	717	59.8
None	Male	37	30.6	38	25.5	28	18.2	21	12.1	3	10.3	127	20.3
	Female	20	18.3	19	13.5	20	13.2	16	11.0	4	15.4	79	13.8
	Total	57	24.8	57	19.7	48	15.7	37	11.6	7	12.7	206	17.2