

Life style on holidays (2nd rank in frequency)

		40-49yr		50-59yr		60-69yr		70-79yr		80yr-		Total	
		N	%	N	%	N	%	N	%	N	%	N	%
Drive	Female	5	3.6	6	4.6	8	5.9	7	6.3	0	0.0	26	4.9
	Total	14	5.2	9	3.8	20	7.0	11	4.6	0	0.0	54	5.0
Gamble	Male	1	0.8	2	1.9	2	1.3	2	1.6	0	0.0	7	1.3
	Female	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
	Total	1	0.4	2	0.9	2	0.7	2	0.8	0	0.0	7	0.7
Pachinko	Male	4	3.0	5	4.9	1	0.7	0	0.0	0	0.0	10	1.9
	Female	0	0.0	1	0.8	2	1.5	1	0.9	0	0.0	4	0.7
	Total	4	1.5	6	2.6	3	1.0	1	0.4	0	0.0	14	1.3
Movie	Male	4	3.0	1	1.0	2	1.3	0	0.0	0	0.0	7	1.3
	Female	1	0.7	0	0.0	0	0.0	2	1.8	0	0.0	3	0.6
	Total	5	1.9	1	0.4	2	0.7	2	0.8	0	0.0	10	0.9
Gardening	Male	3	2.3	10	9.7	11	7.3	14	11.1	4	15.4	42	7.8
	Female	1	0.7	9	6.9	11	8.1	10	8.9	2	10.0	33	6.2
	Total	4	1.5	19	8.1	22	7.7	24	10.1	6	13.0	75	7.0
School	Male	2	1.5	1	1.0	3	2.0	4	3.2	2	7.7	12	2.2
	Female	2	1.5	2	1.5	8	5.9	9	8.0	0	0.0	21	3.9
	Total	4	1.5	3	1.3	11	3.8	13	5.5	2	4.3	33	3.1
Social activity	Male	1	0.8	2	1.9	4	2.6	5	4.0	1	3.8	13	2.4
	Female	1	0.7	1	0.8	1	0.7	2	1.8	1	5.0	6	1.1
	Total	2	0.7	3	1.3	5	1.7	7	2.9	2	4.3	19	1.8
Sports	Male	5	3.8	7	6.8	3	2.0	4	3.2	0	0.0	19	3.5
	Female	2	1.5	6	4.6	8	5.9	2	1.8	0	0.0	18	3.4
	Total	7	2.6	13	5.6	11	3.8	6	2.5	0	0.0	37	3.4
Hobby	Male	5	3.8	6	5.8	7	4.6	9	7.1	3	11.5	30	5.6
	Female	4	2.9	8	6.1	14	10.4	7	6.3	2	10.0	35	6.5

(Continued)

Life style on holidays (2nd rank in frequency)

		40-49yr		50-59yr		60-69yr		70-79yr		80yr-		Total	
		N	%	N	%	N	%	N	%	N	%	N	%
Hobby	Total	9	3.3	14	6.0	21	7.3	16	6.7	5	10.9	65	6.1
Religion	Male	0	0.0	2	1.9	0	0.0	1	0.8	0	0.0	3	0.6
	Female	2	1.5	1	0.8	1	0.7	2	1.8	0	0.0	6	1.1
	Total	2	0.7	3	1.3	1	0.3	3	1.3	0	0.0	9	0.8
Work	Male	1	0.8	1	1.0	2	1.3	0	0.0	0	0.0	4	0.7
	Female	5	3.6	0	0.0	2	1.5	2	1.8	0	0.0	9	1.7
	Total	6	2.2	1	0.4	4	1.4	2	0.8	0	0.0	13	1.2
Others	Male	0	0.0	0	0.0	0	0.0	2	1.6	0	0.0	2	0.4
	Female	0	0.0	4	3.1	0	0.0	0	0.0	0	0.0	4	0.7
	Total	0	0.0	4	1.7	0	0.0	2	0.8	0	0.0	6	0.6

Life style on holidays (3rd rank in frequency)

		40-49yr		50-59yr		60-69yr		70-79yr		80yr-		Total	
		N	%	N	%	N	%	N	%	N	%	N	%
Not recorded	Male	4	3.0	0	0.0	4	2.6	7	5.6	2	7.7	17	3.2
	Female	1	0.7	0	0.0	1	0.7	8	7.1	1	5.0	11	2.1
	Total	5	1.9	0	0.0	5	1.7	15	6.3	3	6.5	28	2.6
Rest	Male	13	9.8	9	8.7	10	6.6	3	2.4	2	7.7	37	6.9
	Female	16	11.7	7	5.3	6	4.4	4	3.6	0	0.0	33	6.2
	Total	29	10.8	16	6.8	16	5.6	7	2.9	2	4.3	70	6.5
TV	Male	8	6.1	4	3.9	12	7.9	13	10.3	4	15.4	41	7.6
	Female	18	13.1	17	13.0	26	19.3	7	6.3	0	0.0	68	12.7
	Total	26	9.7	21	9.0	38	13.3	20	8.4	4	8.7	109	10.2
Reading	Male	4	3.0	3	2.9	12	7.9	6	4.8	2	7.7	27	5.0
	Female	1	0.7	7	5.3	4	3.0	7	6.3	1	5.0	20	3.7
	Total	5	1.9	10	4.3	16	5.6	13	5.5	3	6.5	47	4.4
Family talk	Male	8	6.1	4	3.9	3	2.0	2	1.6	0	0.0	17	3.2
	Female	12	8.8	3	2.3	4	3.0	4	3.6	1	5.0	24	4.5
	Total	20	7.4	7	3.0	7	2.4	6	2.5	1	2.2	41	3.8
Housework	Male	4	3.0	3	2.9	10	6.6	9	7.1	2	7.7	28	5.2
	Female	7	5.1	14	10.7	11	8.1	9	8.0	2	10.0	43	8.0
	Total	11	4.1	17	7.3	21	7.3	18	7.6	4	8.7	71	6.6
Shopping	Male	26	19.7	15	14.6	14	9.3	14	11.1	0	0.0	69	12.8
	Female	26	19.0	16	12.2	23	17.0	22	19.6	4	20.0	91	17.0
	Total	52	19.3	31	13.2	37	12.9	36	15.1	4	8.7	160	14.9
Walk	Male	5	3.8	6	5.8	7	4.6	11	8.7	4	15.4	33	6.1
	Female	1	0.7	5	3.8	9	6.7	14	12.5	0	0.0	29	5.4
	Total	6	2.2	11	4.7	16	5.6	25	10.5	4	8.7	62	5.8
Drive	Male	6	4.5	9	8.7	7	4.6	7	5.6	2	7.7	31	5.8

(Continued)

Life style on holidays (3rd rank in frequency)

		40-49yr		50-59yr		60-69yr		70-79yr		80yr-		Total	
		N	%	N	%	N	%	N	%	N	%	N	%
Drive	Female	6	4.4	9	6.9	11	8.1	5	4.5	1	5.0	32	6.0
	Total	12	4.5	18	7.7	18	6.3	12	5.0	3	6.5	63	5.9
Gamble	Male	1	0.8	5	4.9	2	1.3	1	0.8	0	0.0	9	1.7
	Female	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
	Total	1	0.4	5	2.1	2	0.7	1	0.4	0	0.0	9	0.8
Pachinko	Male	6	4.5	3	2.9	5	3.3	1	0.8	0	0.0	15	2.8
	Female	1	0.7	1	0.8	3	2.2	0	0.0	0	0.0	5	0.9
	Total	7	2.6	4	1.7	8	2.8	1	0.4	0	0.0	20	1.9
Movie	Male	5	3.8	3	2.9	1	0.7	3	2.4	0	0.0	12	2.2
	Female	6	4.4	7	5.3	3	2.2	1	0.9	0	0.0	17	3.2
	Total	11	4.1	10	4.3	4	1.4	4	1.7	0	0.0	29	2.7
Gardening	Male	3	2.3	9	8.7	17	11.3	16	12.7	4	15.4	49	9.1
	Female	10	7.3	14	10.7	10	7.4	6	5.4	2	10.0	42	7.9
	Total	13	4.8	23	9.8	27	9.4	22	9.2	6	13.0	91	8.5
School	Male	3	2.3	1	1.0	0	0.0	2	1.6	0	0.0	6	1.1
	Female	4	2.9	4	3.1	0	0.0	2	1.8	0	0.0	10	1.9
	Total	7	2.6	5	2.1	0	0.0	4	1.7	0	0.0	16	1.5
Social activity	Male	4	3.0	4	3.9	4	2.6	6	4.8	0	0.0	18	3.3
	Female	5	3.6	1	0.8	3	2.2	2	1.8	0	0.0	11	2.1
	Total	9	3.3	5	2.1	7	2.4	8	3.4	0	0.0	29	2.7
Sports	Male	12	9.1	10	9.7	17	11.3	10	7.9	3	11.5	52	9.7
	Female	8	5.8	6	4.6	6	4.4	6	5.4	1	5.0	27	5.0
	Total	20	7.4	16	6.8	23	8.0	16	6.7	4	8.7	79	7.4
Hobby	Male	16	12.1	11	10.7	15	9.9	8	6.3	0	0.0	50	9.3
	Female	6	4.4	14	10.7	11	8.1	9	8.0	5	25.0	45	8.4

(Continued)

Life style on holidays (3rd rank in frequency)

		40-49yr		50-59yr		60-69yr		70-79yr		80yr-		Total	
		N	%	N	%	N	%	N	%	N	%	N	%
Hobby	Total	22	8.2	25	10.7	26	9.1	17	7.1	5	10.9	95	8.9
Religion	Male	0	0.0	0	0.0	2	1.3	0	0.0	1	3.8	3	0.6
	Female	0	0.0	1	0.8	2	1.5	2	1.8	0	0.0	5	0.9
	Total	0	0.0	1	0.4	4	1.4	2	0.8	1	2.2	8	0.7
Work	Male	2	1.5	4	3.9	6	4.0	6	4.8	0	0.0	18	3.3
	Female	3	2.2	2	1.5	2	1.5	2	1.8	0	0.0	9	1.7
	Total	5	1.9	6	2.6	8	2.8	8	3.4	0	0.0	27	2.5
Others	Male	2	1.5	0	0.0	3	2.0	1	0.8	0	0.0	6	1.1
	Female	6	4.4	3	2.3	0	0.0	2	1.8	2	10.0	13	2.4
	Total	8	3.0	3	1.3	3	1.0	3	1.3	2	4.3	19	1.8

Present life worth living

		40-49yr		50-59yr		60-69yr		70-79yr		80yr-		Total	
		N	%	N	%	N	%	N	%	N	%	N	%
Work	Male	63	47.7	51	49.5	59	39.1	31	24.6	4	15.4	208	38.7
	Female	41	29.9	40	30.5	35	25.9	15	13.4	5	25.0	136	25.4
	Total	104	38.7	91	38.9	94	32.9	46	19.3	9	19.6	344	32.1
Connection with colleagues in work place	Male	19	14.4	24	23.3	20	13.2	15	11.9	3	11.5	81	15.1
	Female	17	12.4	15	11.5	18	13.3	7	6.3	1	5.0	58	10.8
	Total	36	13.4	39	16.7	38	13.3	22	9.2	4	8.7	139	13.0
Connection with family member	Male	93	70.5	75	72.8	110	72.8	85	67.5	15	57.7	378	70.3
	Female	87	63.5	91	69.5	89	65.9	52	46.4	8	40.0	327	61.1
	Total	180	66.9	166	70.9	199	69.6	137	57.6	23	50.0	705	65.7
Growth of children or grandchildren	Male	61	46.2	44	42.7	75	49.7	64	50.8	15	57.7	259	48.1
	Female	93	67.9	66	50.4	89	65.9	56	50.0	9	45.0	313	58.5
	Total	154	57.2	110	47.0	164	57.3	120	50.4	24	52.2	572	53.3
Tastes or sports	Male	58	43.9	36	35.0	65	43.0	39	31.0	11	42.3	209	38.8
	Female	38	27.7	56	42.7	54	40.0	27	24.1	7	35.0	182	34.0
	Total	96	35.7	92	39.3	119	41.6	66	27.7	18	39.1	391	36.4
Keeping company with friends in tastes	Male	23	17.4	25	24.3	46	30.5	36	28.6	10	38.5	140	26.0
	Female	20	14.6	40	30.5	55	40.7	39	34.8	9	45.0	163	30.5
	Total	43	16.0	65	27.8	101	35.3	75	31.5	19	41.3	303	28.2
Activity in local area or a party	Male	8	6.1	9	8.7	23	15.2	27	21.4	3	11.5	70	13.0
	Female	5	3.6	8	6.1	10	7.4	17	15.2	3	15.0	43	8.0
	Total	13	4.8	17	7.3	33	11.5	44	18.5	6	13.0	113	10.5
Care for other person	Male	1	0.8	3	2.9	8	5.3	9	7.1	2	7.7	23	4.3
	Female	3	2.2	5	3.8	11	8.1	12	10.7	3	15.0	34	6.4
	Total	4	1.5	8	3.4	19	6.6	21	8.8	5	10.9	57	5.3
Religion	Male	2	1.5	2	1.9	2	1.3	8	6.3	3	11.5	17	3.2

(Continued)

Present life worth living

		40-49yr		50-59yr		60-69yr		70-79yr		80yr-		Total	
		N	%	N	%	N	%	N	%	N	%	N	%
Religion	Female	5	3.6	4	3.1	6	4.4	8	7.1	1	5.0	24	4.5
	Total	7	2.6	6	2.6	8	2.8	16	6.7	4	8.7	41	3.8
Others	Male	2	1.5	4	3.9	5	3.3	6	4.8	1	3.8	18	3.3
	Female	4	2.9	8	6.1	7	5.2	5	4.5	1	5.0	25	4.7
	Total	6	2.2	12	5.1	12	4.2	11	4.6	2	4.3	43	4.0
None	Male	4	3.0	5	4.9	8	5.3	8	6.3	1	3.8	26	4.8
	Female	5	3.6	10	7.6	9	6.7	8	7.1	1	5.0	33	6.2
	Total	9	3.3	15	6.4	17	5.9	16	6.7	2	4.3	59	5.5
Total	Male	132	100.0	103	100.0	151	100.0	126	100.0	26	100.0	538	100.0
	Female	137	100.0	131	100.0	135	100.0	112	100.0	20	100.0	535	100.0
	Total	269	100.0	234	100.0	286	100.0	238	100.0	46	100.0	1073	100.0

State of employment

		40-49yr		50-59yr		60-69yr		70-79yr		80yr-		Total	
		N	%	N	%	N	%	N	%	N	%	N	%
not recorded	Male	3	2.3	0	0.0	3	2.0	0	0.0	1	3.8	7	1.3
	Female	1	0.7	0	0.0	0	0.0	2	1.8	1	5.0	4	0.7
	Total	4	1.5	0	0.0	3	1.0	2	0.8	2	4.3	11	1.0
Inoccupation	Male	0	0.0	2	1.9	58	38.4	95	75.4	20	76.9	175	32.5
	Female	2	1.5	3	2.3	20	14.8	52	46.4	14	70.0	91	17.0
	Total	2	0.7	5	2.1	78	27.3	147	61.8	34	73.9	266	24.8
Housewife	Male	1	0.8	1	1.0	3	2.0	3	2.4	0	0.0	8	1.5
	Female	36	26.3	47	35.9	69	51.1	43	38.4	3	15.0	198	37.0
	Total	37	13.8	48	20.5	72	25.2	46	19.3	3	6.5	206	19.2
Full employment	Male	126	95.5	97	94.2	42	27.8	17	13.5	1	3.8	283	52.6
	Female	31	22.6	30	22.9	17	12.6	6	5.4	1	5.0	85	15.9
	Total	157	58.4	127	54.3	59	20.6	23	9.7	2	4.3	368	34.3
Part time employment	Male	2	1.5	3	2.9	45	29.8	11	8.7	4	15.4	65	12.1
	Female	67	48.9	51	38.9	29	21.5	9	8.0	1	5.0	157	29.3
	Total	69	25.7	54	23.1	74	25.9	20	8.4	5	10.9	222	20.7

Present job

		40-49yr		50-59yr		60-69yr		70-79yr		80yr-		Total	
		N	%	N	%	N	%	N	%	N	%	N	%
Not recorded	Male	4	3.0	3	2.9	63	41.7	98	77.8	21	80.8	189	35.1
	Female	39	28.5	50	38.2	89	65.9	97	86.6	18	90.0	293	54.8
	Total	43	16.0	53	22.6	152	53.1	195	81.9	39	84.8	482	44.9
Specialist (doctor, lawyer, researcher, engineer, teacher, artist, journalist, etc)	Male	33	25.0	15	14.6	8	5.3	2	1.6	0	0.0	58	10.8
	Female	16	11.7	10	7.6	2	1.5	0	0.0	0	0.0	28	5.2
	Total	49	18.2	25	10.7	10	3.5	2	0.8	0	0.0	86	8.0
Administrative position (higher grade than chief in office, stationmaster, head in school, etc)	Male	21	15.9	19	18.4	14	9.3	1	0.8	0	0.0	55	10.2
	Female	1	0.7	0	0.0	1	0.7	0	0.0	0	0.0	2	0.4
	Total	22	8.2	19	8.1	15	5.2	1	0.4	0	0.0	57	5.3
Office work (company, bank, government office, etc)	Male	18	13.6	7	6.8	10	6.6	1	0.8	0	0.0	36	6.7
	Female	29	21.2	20	15.3	6	4.4	1	0.9	0	0.0	56	10.5
	Total	47	17.5	27	11.5	16	5.6	2	0.8	0	0.0	92	8.6
Engagement in service or selling (clerk, salesman, beauty artist, caterer, etc)	Male	12	9.1	9	8.7	10	6.6	3	2.4	1	3.8	35	6.5
	Female	34	24.8	21	16.0	18	13.3	4	3.6	0	0.0	77	14.4
	Total	46	17.1	30	12.8	28	9.8	7	2.9	1	2.2	112	10.4
Engagement in skilled or labor work (driver, engineering, construction, manufacture, processing, repairment, printing, etc)	Male	37	28.0	42	40.8	31	20.5	7	5.6	2	7.7	119	22.1
	Female	10	7.3	20	15.3	9	6.7	5	4.5	0	0.0	44	8.2
	Total	47	17.5	62	26.5	40	14.0	12	5.0	2	4.3	163	15.2
Engagement in security (policeman, fire officer, self-defence official)	Male	2	1.5	0	0.0	1	0.7	0	0.0	0	0.0	3	0.6
	Female	1	0.7	0	0.0	0	0.0	0	0.0	0	0.0	1	0.2
	Total	3	1.1	0	0.0	1	0.3	0	0.0	0	0.0	4	0.4

(Continued)

Present job

		40-49yr		50-59yr		60-69yr		70-79yr		80yr-		Total	
		N	%	N	%	N	%	N	%	N	%	N	%
Worker in agriculture, forestry and fishery	Male	2	1.5	2	1.9	3	2.0	9	7.1	1	3.8	17	3.2
	Female	2	1.5	1	0.8	5	3.7	1	0.9	1	5.0	10	1.9
	Total	4	1.5	3	1.3	8	2.8	10	4.2	2	4.3	27	2.5
Self-management other than agriculture, forestry and fishery	Male	3	2.3	6	5.8	7	4.6	4	3.2	1	3.8	21	3.9
	Female	1	0.7	4	3.1	3	2.2	4	3.6	1	5.0	13	2.4
	Total	4	1.5	10	4.3	10	3.5	8	3.4	2	4.3	34	3.2
Others	Male	0	0.0	0	0.0	4	2.6	1	0.8	0	0.0	5	0.9
	Female	4	2.9	5	3.8	2	1.5	0	0.0	0	0.0	11	2.1
	Total	4	1.5	5	2.1	6	2.1	1	0.4	0	0.0	16	1.5

Period of full employment (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	4.4	127	34.1	4.6	102	42.2	6.9	149	44.1	10.3	124	44.5	9.0	25	36.5	11.1	527
Female	10.2	6.8	135	13.6	11.2	129	19.3	14.9	133	21.7	17.0	108	23.5	19.8	17	16.2	13.9	522
Total	16.2	8.5	262	22.7	13.5	231	31.4	16.1	282	33.7	17.8	232	36.0	17.6	42	26.4	16.1	1049

Years of education

	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	14.6	2.3	129	13.3	2.7	103	12.4	3.0	149	11.0	2.6	125	10.6	3.1	25	12.7	3.0	531
Female	13.6	1.7	136	12.4	2.3	131	11.4	2.3	134	9.9	1.9	109	9.7	1.7	19	11.8	2.5	529
Total	14.0	2.1	265	12.8	2.5	234	11.9	2.8	283	10.5	2.4	234	10.2	2.6	44	12.3	2.8	1060

Marital status

		40-49yr		50-59yr		60-69yr		70-79yr		80yr-		Total	
		N	%	N	%	N	%	N	%	N	%	N	%
Not recorded	Male	3	2.3	0	0.0	2	1.3	1	0.8	1	3.8	7	1.3
	Female	1	0.7	0	0.0	1	0.7	3	2.7	1	5.0	6	1.1
	Total	4	1.5	0	0.0	3	1.0	4	1.7	2	4.3	13	1.2
Unmarried	Male	16	12.1	5	4.9	3	2.0	1	0.8	0	0.0	25	4.6
	Female	6	4.4	4	3.1	3	2.2	6	5.4	0	0.0	19	3.6
	Total	22	8.2	9	3.8	6	2.1	7	2.9	0	0.0	44	4.1
Already married (co vers unregistered m arriage)	Male	110	83.3	95	92.2	141	93.4	118	93.7	22	84.6	486	90.3
	Female	122	89.1	120	91.6	114	84.4	60	53.6	9	45.0	425	79.4
	Total	232	86.2	215	91.9	255	89.2	178	74.8	31	67.4	911	84.9
Separation	Male	1	0.8	2	1.9	0	0.0	0	0.0	0	0.0	3	0.6
	Female	0	0.0	1	0.8	2	1.5	0	0.0	0	0.0	3	0.6
	Total	1	0.4	3	1.3	2	0.7	0	0.0	0	0.0	6	0.6
Divorced	Male	2	1.5	0	0.0	2	1.3	0	0.0	0	0.0	4	0.7
	Female	6	4.4	2	1.5	3	2.2	4	3.6	0	0.0	15	2.8
	Total	8	3.0	2	0.9	5	1.7	4	1.7	0	0.0	19	1.8
Separation by death	Male	0	0.0	1	1.0	3	2.0	6	4.8	3	11.5	13	2.4
	Female	2	1.5	4	3.1	12	8.9	39	34.8	10	50.0	67	12.5
	Total	2	0.7	5	2.1	15	5.2	45	18.9	13	28.3	80	7.5

State of marriage

		40-49yr		50-59yr		60-69yr		70-79yr		80yr-		Total	
		N	%	N	%	N	%	N	%	N	%	N	%
Not recorded	Male	3	2.3	0	0.0	2	1.3	1	0.8	1	3.8	7	1.3
	Female	1	0.7	0	0.0	1	0.7	2	1.8	1	5.0	5	0.9
	Total	4	1.5	0	0.0	3	1.0	3	1.3	2	4.3	12	1.1
Living alone	Male	7	5.3	3	2.9	4	2.6	3	2.4	1	3.8	18	3.3
	Female	2	1.5	3	2.3	5	3.7	27	24.1	3	15.0	40	7.5
	Total	9	3.3	6	2.6	9	3.1	30	12.6	4	8.7	58	5.4
Husband and wife	Male	13	9.8	19	18.4	78	51.7	78	61.9	12	46.2	200	37.2
	Female	6	4.4	36	27.5	64	47.4	39	34.8	5	25.0	150	28.0
	Total	19	7.1	55	23.5	142	49.7	117	49.2	17	37.0	350	32.6
Others	Male	109	82.6	81	78.6	67	44.4	44	34.9	12	46.2	313	58.2
	Female	128	93.4	92	70.2	65	48.1	44	39.3	11	55.0	340	63.6
	Total	237	88.1	173	73.9	132	46.2	88	37.0	23	50.0	653	60.9

Sum of family annual income

		40-49yr		50-59yr		60-69yr		70-79yr		80yr-		Total	
		N	%	N	%	N	%	N	%	N	%	N	%
Not recorded	Male	3	2.3	1	1.0	5	3.3	4	3.2	4	15.4	17	3.2
	Female	2	1.5	2	1.5	2	1.5	12	10.7	3	15.0	21	3.9
	Total	5	1.9	3	1.3	7	2.4	16	6.7	7	15.2	38	3.5
Less than 1,500,000yen	Male	1	0.8	0	0.0	4	2.6	5	4.0	2	7.7	12	2.2
	Female	1	0.7	3	2.3	5	3.7	11	9.8	0	0.0	20	3.7
	Total	2	0.7	3	1.3	9	3.1	16	6.7	2	4.3	32	3.0
Between 1,500,000 and 2,490,000 yen	Male	0	0.0	1	1.0	7	4.6	7	5.6	0	0.0	15	2.8
	Female	1	0.7	3	2.3	8	5.9	20	17.9	3	15.0	35	6.5
	Total	1	0.4	4	1.7	15	5.2	27	11.3	3	6.5	50	4.7
Between 2,500,000 and 3,490,000 yen	Male	1	0.8	2	1.9	29	19.2	31	24.6	3	11.5	66	12.3
	Female	5	3.6	5	3.8	28	20.7	17	15.2	2	10.0	57	10.7
	Total	6	2.2	7	3.0	57	19.9	48	20.2	5	10.9	123	11.5
Between 3,500,000 and 4,490,000 yen	Male	4	3.0	3	2.9	24	15.9	26	20.6	8	30.8	65	12.1
	Female	13	9.5	7	5.3	23	17.0	18	16.1	3	15.0	64	12.0
	Total	17	6.3	10	4.3	47	16.4	44	18.5	11	23.9	129	12.0
Between 4,500,000 and 5,490,000 yen	Male	12	9.1	10	9.7	21	13.9	10	7.9	5	19.2	58	10.8
	Female	9	6.6	13	9.9	14	10.4	8	7.1	1	5.0	45	8.4
	Total	21	7.8	23	9.8	35	12.2	18	7.6	6	13.0	103	9.6
Between 5,500,000 and 6,490,000 yen	Male	26	19.7	5	4.9	13	8.6	12	9.5	0	0.0	56	10.4
	Female	15	10.9	7	5.3	14	10.4	5	4.5	4	20.0	45	8.4
	Total	41	15.2	12	5.1	27	9.4	17	7.1	4	8.7	101	9.4
Between 6,500,000 and 7,490,000 yen	Male	25	18.9	6	5.8	8	5.3	6	4.8	0	0.0	45	8.4
	Female	18	13.1	9	6.9	8	5.9	6	5.4	0	0.0	41	7.7
	Total	43	16.0	15	6.4	16	5.6	12	5.0	0	0.0	86	8.0
Between 7,500,000 and 8,490,000 yen	Male	21	15.9	12	11.7	6	4.0	3	2.4	0	0.0	42	7.8

(Continued)

Sum of family annual income

		40-49yr		50-59yr		60-69yr		70-79yr		80yr-		Total	
		N	%	N	%	N	%	N	%	N	%	N	%
Between 7,500,000 and 8,490,000 yen	Female	21	15.3	14	10.7	7	5.2	4	3.6	1	5.0	47	8.8
	Total	42	15.6	26	11.1	13	4.5	7	2.9	1	2.2	89	8.3
Between 8,500,000 and 9,999,000 yen	Male	18	13.6	26	25.2	14	9.3	4	3.2	1	3.8	63	11.7
	Female	16	11.7	25	19.1	10	7.4	3	2.7	1	5.0	55	10.3
	Total	34	12.6	51	21.8	24	8.4	7	2.9	2	4.3	118	11.0
Between 10,000,000 and 19,000,000 yen	Male	20	15.2	34	33.0	16	10.6	13	10.3	3	11.5	86	16.0
	Female	33	24.1	40	30.5	12	8.9	5	4.5	2	10.0	92	17.2
	Total	53	19.7	74	31.6	28	9.8	18	7.6	5	10.9	178	16.6
More than 20,000,000 yen	Male	1	0.8	3	2.9	4	2.6	5	4.0	0	0.0	13	2.4
	Female	3	2.2	3	2.3	4	3.0	3	2.7	0	0.0	13	2.4
	Total	4	1.5	6	2.6	8	2.8	8	3.4	0	0.0	26	2.4

Level of satisfaction in annual income

		40-49yr		50-59yr		60-69yr		70-79yr		80yr-		Total	
		N	%	N	%	N	%	N	%	N	%	N	%
Not recorded	Male	3	2.3	0	0.0	2	1.3	1	0.8	1	3.8	7	1.3
	Female	1	0.7	0	0.0	0	0.0	3	2.7	1	5.0	5	0.9
	Total	4	1.5	0	0.0	2	0.7	4	1.7	2	4.3	12	1.1
Very satisfied	Male	7	5.3	5	4.9	13	8.6	17	13.5	4	15.4	46	8.6
	Female	13	9.5	20	15.3	18	13.3	16	14.3	10	50.0	77	14.4
	Total	20	7.4	25	10.7	31	10.8	33	13.9	14	30.4	123	11.5
Satisfied	Male	36	27.3	27	26.2	48	31.8	46	36.5	13	50.0	170	31.6
	Female	43	31.4	47	35.9	54	40.0	45	40.2	7	35.0	196	36.6
	Total	79	29.4	74	31.6	102	35.7	91	38.2	20	43.5	366	34.1
Not determined	Male	36	27.3	33	32.0	43	28.5	35	27.8	6	23.1	153	28.4
	Female	25	18.2	35	26.7	35	25.9	22	19.6	0	0.0	117	21.9
	Total	61	22.7	68	29.1	78	27.3	57	23.9	6	13.0	270	25.2
Unsatisfied	Male	40	30.3	34	33.0	33	21.9	20	15.9	2	7.7	129	24.0
	Female	47	34.3	27	20.6	23	17.0	22	19.6	2	10.0	121	22.6
	Total	87	32.3	61	26.1	56	19.6	42	17.6	4	8.7	250	23.3
Very unsatisfied	Male	10	7.6	4	3.9	12	7.9	7	5.6	0	0.0	33	6.1
	Female	8	5.8	2	1.5	5	3.7	4	3.6	0	0.0	19	3.6
	Total	18	6.7	6	2.6	17	5.9	11	4.6	0	0.0	52	4.8

VIII. Visual and Auditory Examinations

VIII. Visual and Auditory Examinations

1) Visual system

1. Refraction

Autorefractometry was obtained with the NIDEK-ARK700A. Refractive errors, in spherical equivalent, were assessed.

2. Visual acuity (5 m)

Distant visual acuity was measured for each eye with a Landolt C letter at 5m. Presenting visual acuity was measured with the participant's current distance correction; when distance correction was not used, the unaided distant visual acuity was measured. Subsequently, best-corrected visual acuity for each eye was determined after objective autorefractometry and subjective refinement.

3. Contrast sensitivity

Contrast sensitivity was measured at 1.5, 3, 6, 12, 18 cycles per degree with Vistech VCTS-6500.

4. Intraocular pressure

Intraocular pressure was measured three times for each eye with a noncontact tonometer (NIDEK NT-3000) between 9 and 12 AM. The mean value of the three measurements was used for analysis.

5. Retinal fundus camera

Fundus photographs were taken with Topcon fundus camera (TRC-NW5S) at 20 and 45 degree angles for each eye without pupil dilatation. Diabetic retinopathy, arteriosclerosis, and macular degeneration were assessed on the photograph at 45 degree angles. Vertical cup to disc ratio was measured on the photograph at 20 degree angles.

6. Specular microscope

Corneal thickness was obtained with the Topcon SP-2000 specular microscope.

2) Auditory system

1. Pure-tone audiometry

Air conduction thresholds at 125,250,500,1000,2000,4000,8000Hz(dBHL)

Bone conduction thresholds at 250,500,1000,2000,4000Hz(dBHL)

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

※ If no response occurs at the maximum output level of this audiometer, the threshold is treated as following.

	Air conduction		Bone conduction	
	Maximum output level	Input level	Maximum output level	Input level
125Hz	70	75	-	-
250Hz	85	90	55	60
500Hz	100	105	65	70
1000Hz	100	105	70	75
2000Hz	100	105	70	75
4000Hz	100	105	60	65
8000Hz	95*	100	-	-

2. Impedance audiometry

(1) Single frequency tympanometry

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

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

(2) Multifrequency tympanometry

Middle ear resonance frequency(Hz)

3. Distortion product otoacoustic emission (DPOAE)

Signal-to-noise differences of the DPOAEs in the DP-gram (= DP amplitude above the noise floor)
(dB SPL)

1) Visual system

1. Refraction

Autorefracton was obtained with the NIDEK-ARK700A. Refractive errors, in spherical equivalent, were assessed.

Spherical Equivalent of Refractive Error - Right Eye (Diopters)

	40 - 49yr			50 - 59yr			60 - 69yr			70 - 79yr			80 - yr			Total		
	Mean	SD	N	Mean	SD	N	Mean	SD	N	Mean	SD	N	Mean	SD	N	Mean	SD	N
Male	-1.65	1.54	131	-1.34	1.63	102	-0.79	1.36	145	-0.35	1.09	119	-0.72	0.96	25	-1.01	1.47	522
Female	-1.48	1.57	137	-1.04	1.47	130	-0.24	1.29	134	-0.09	1.31	99	-1.19	2.11	17	-0.77	1.55	517
Total	-1.56	1.55	268	-1.17	1.55	232	-0.53	1.35	279	-0.24	1.20	218	-0.91	1.53	42	-0.89	1.52	1039

Spherical Equivalent of Refractive Error - Left Eye (Diopters)

	40 - 49yr			50 - 59yr			60 - 69yr			70 - 79yr			80 - yr			Total		
	Mean	SD	N	Mean	SD	N	Mean	SD	N	Mean	SD	N	Mean	SD	N	Mean	SD	N
Male	-1.60	1.50	132	-1.27	1.57	102	-0.65	1.19	144	-0.22	1.04	115	-0.74	1.03	19	-0.93	1.42	512
Female	-1.39	1.50	137	-0.99	1.34	130	-0.32	1.26	127	-0.02	1.10	105	-0.83	1.10	15	-0.73	1.41	514
Total	-1.49	1.50	269	-1.12	1.45	232	-0.49	1.23	271	-0.12	1.07	220	-0.78	1.04	34	-0.83	1.42	1026

2. Visual acuity: distant vision (5 m)

Distant visual acuity was measured for each eye with a Landolt C letter at 5m. Presenting visual acuity was measured with the participant's current distance correction; when distance correction was not used, the unaided distant visual acuity was measured. Subsequently, best-corrected visual acuity for each eye was determined after objective autorefraction and subjective refinement.

Presenting Visual Acuity - Right Eye

		40 - 49yr		50 - 59yr		60 - 69yr		70 - 79yr		80 - yr		Total	
		N	%	N	%	N	%	N	%	N	%	N	%
not recorded	Male	-	0.0	-	0.0	1	0.7	-	0.0	-	0.0	1	0.2
	Female	-	0.0	-	0.0	-	0.0	1	0.9	-	0.0	1	0.2
	Total	-	0.0	-	0.0	1	0.3	1	0.4	-	0.0	2	0.2
0.3 or worse	Male	-	0.0	3	2.9	4	2.6	7	5.6	2	7.7	16	3.0
	Female	1	0.7	2	1.5	8	5.9	12	10.7	5	25.0	28	5.2
	Total	1	0.4	5	2.1	12	4.2	19	8.0	7	15.2	44	4.1
0.3-0.6	Male	2	1.5	4	3.9	21	13.9	35	27.8	10	38.5	72	13.4
	Female	2	1.5	15	11.5	13	9.6	25	22.3	8	40.0	63	11.8
	Total	4	1.5	19	8.1	34	11.9	60	25.2	18	39.1	135	12.6
0.7 or better	Male	130	98.5	96	93.2	125	82.8	84	66.7	14	53.8	449	83.5
	Female	134	97.8	114	87.0	114	84.4	74	66.1	7	35.0	443	82.8
	Total	264	98.1	210	89.7	239	83.6	158	66.4	21	45.7	892	83.1

Presenting Visual Acuity - Left Eye

		40 - 49yr		50 - 59yr		60 - 69yr		70 - 79yr		80 - yr		Total	
		N	%	N	%	N	%	N	%	N	%	N	%
not recorded	Male	-	0.0	-	0.0	-	0.0	-	0.0	1	3.8	1	0.2
	Female	-	0.0	-	0.0	-	0.0	-	0.0	-	0.0	-	0.0
	Total	-	0.0	-	0.0	-	0.0	-	0.0	1	2.2	1	0.1
0.3 or worse	Male	1	0.8	-	0.0	4	2.6	8	6.3	-	0.0	13	2.4
	Female	1	0.7	5	3.8	10	7.4	8	7.1	4	20.0	28	5.2
	Total	2	0.7	5	2.1	14	4.9	16	6.7	4	8.7	41	3.8
0.3-0.6	Male	7	5.3	5	4.9	18	11.9	36	28.6	13	50.0	79	14.7
	Female	3	2.2	10	7.6	16	11.9	32	28.6	7	35.0	68	12.7
	Total	10	3.7	15	6.4	34	11.9	68	28.6	20	43.5	147	13.7
0.7 or better	Male	124	93.9	98	95.1	129	85.4	82	65.1	12	46.2	445	82.7
	Female	133	97.1	116	88.5	109	80.7	72	64.3	9	45.0	439	82.1
	Total	257	95.5	214	91.5	238	83.2	154	64.7	21	45.7	884	82.4