

Location of falls (for the persons with falls)

		40-49yr		50-59yr		60-69yr		70-79yr		80yr-		Total	
		N	%	N	%	N	%	N	%	N	%	N	%
Entrance room	Male	0	0.0	2	11.1	2	6.9	2	6.1	0	0.0	6	5.4
	Female	0	0.0	0	0.0	3	8.8	2	4.7	0	0.0	5	3.3
	Total	0	0.0	2	5.6	5	7.9	4	5.3	0	0.0	11	4.2
Living room	Male	0	0.0	1	5.6	0	0.0	1	3.0	0	0.0	2	1.8
	Female	0	0.0	1	5.6	6	17.6	5	11.6	5	23.8	17	11.3
	Total	0	0.0	2	5.6	6	9.5	6	7.9	5	16.7	19	7.2
Rest room	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	2.9	1	2.3	1	4.8	3	2.0
	Total	0	0.0	0	0.0	1	1.6	1	1.3	1	3.3	3	1.1
Bathroom	Male	0	0.0	0	0.0	0	0.0	1	3.0	0	0.0	1	0.9
	Female	0	0.0	0	0.0	1	2.9	0	0.0	0	0.0	1	0.7
	Total	0	0.0	0	0.0	1	1.6	1	1.3	0	0.0	2	0.8
Kitchen	Male	0	0.0	0	0.0	0	0.0	0	0.0	1	11.1	1	0.9
	Female	0	0.0	1	5.6	0	0.0	0	0.0	0	0.0	1	0.7
	Total	0	0.0	1	2.8	0	0.0	0	0.0	1	3.3	2	0.8
Corridor	Male	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
	Female	1	2.9	0	0.0	1	2.9	0	0.0	0	0.0	2	1.3
	Total	1	1.7	0	0.0	1	1.6	0	0.0	0	0.0	2	0.8
Stair	Male	1	4.3	1	5.6	4	13.8	2	6.1	0	0.0	8	7.1
	Female	4	11.4	1	5.6	1	2.9	2	4.7	1	4.8	9	6.0
	Total	5	8.6	2	5.6	5	7.9	4	5.3	1	3.3	17	6.5
Others (indoor)	Male	1	4.3	1	5.6	2	6.9	1	3.0	1	11.1	6	5.4
	Female	3	8.6	1	5.6	0	0.0	6	14.0	1	4.8	11	7.3
	Total	4	6.9	2	5.6	2	3.2	7	9.2	2	6.7	17	6.5
Garden	Male	0	0.0	0	0.0	1	3.4	5	15.2	2	22.2	8	7.1
	Female	2	5.7	2	11.1	4	11.8	3	7.0	4	19.0	15	9.9
	Total	2	3.4	2	5.6	5	7.9	8	10.5	6	20.0	23	8.7
Flat road	Male	2	8.7	2	11.1	4	13.8	5	15.2	3	33.3	16	14.3
	Female	3	8.6	6	33.3	6	17.6	7	16.3	2	9.5	24	15.9
	Total	5	8.6	8	22.2	10	15.9	12	15.8	5	16.7	40	15.2
Sloped road	Male	2	8.7	2	11.1	0	0.0	1	3.0	0	0.0	5	4.5
	Female	2	5.7	1	5.6	1	2.9	1	2.3	3	14.3	8	5.3
	Total	4	6.9	3	8.3	1	1.6	2	2.6	3	10.0	13	4.9
Farm	Male	1	4.3	0	0.0	2	6.9	3	9.1	0	0.0	6	5.4

(Continued)

Location of falls (for the persons with falls)

		40-49yr		50-59yr		60-69yr		70-79yr		80yr-		Total	
		N	%	N	%	N	%	N	%	N	%	N	%
Farm	Female	0	0.0	0	0.0	1	2.9	5	11.6	0	0.0	6	4.0
	Total	1	1.7	0	0.0	3	4.8	8	10.5	0	0.0	12	4.6
Outdoor stairs	Male	3	13.0	3	16.7	5	17.2	3	9.1	1	11.1	15	13.4
	Female	5	14.3	0	0.0	5	14.7	5	11.6	1	4.8	16	10.6
	Total	8	13.8	3	8.3	10	15.9	8	10.5	2	6.7	31	11.8
In vehicle	Male	0	0.0	1	5.6	1	3.4	1	3.0	0	0.0	3	2.7
	Female	0	0.0	0	0.0	1	2.9	1	2.3	2	9.5	4	2.6
	Total	0	0.0	1	2.8	2	3.2	2	2.6	2	6.7	7	2.7
Others (outdoor)	Male	13	56.5	5	27.8	8	27.6	8	24.2	1	11.1	35	31.3
	Female	15	42.9	5	27.8	3	8.8	5	11.6	1	4.8	29	19.2
	Total	28	48.3	10	27.8	11	17.5	13	17.1	2	6.7	64	24.3

Footgear when falling (for the persons with falls)

		40-49yr		50-59yr		60-69yr		70-79yr		80yr-		Total	
		N	%	N	%	N	%	N	%	N	%	N	%
Shoes	Male	18	78.3	13	72.2	20	69.0	23	69.7	7	77.8	81	72.3
	Female	21	60.0	13	72.2	16	47.1	26	60.5	8	38.1	84	55.6
	Total	39	67.2	26	72.2	36	57.1	49	64.5	15	50.0	165	62.7
Wooden clogs	Male	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
	Female	0	0.0	1	5.6	0	0.0	0	0.0	0	0.0	1	0.7
	Total	0	0.0	1	2.8	0	0.0	0	0.0	0	0.0	1	0.4
Sandals	Male	0	0.0	1	5.6	1	3.4	5	15.2	1	11.1	8	7.1
	Female	8	22.9	2	11.1	7	20.6	6	14.0	6	28.6	29	19.2
	Total	8	13.8	3	8.3	8	12.7	11	14.5	7	23.3	37	14.1
Slippers	Male	1	4.3	2	11.1	2	6.9	2	6.1	1	11.1	8	7.1
	Female	3	8.6	1	5.6	3	8.8	1	2.3	2	9.5	10	6.6
	Total	4	6.9	3	8.3	5	7.9	3	3.9	3	10.0	18	6.8
Socks	Male	0	0.0	0	0.0	0	0.0	1	3.0	0	0.0	1	0.9
	Female	1	2.9	0	0.0	5	14.7	5	11.6	3	14.3	14	9.3
	Total	1	1.7	0	0.0	5	7.9	6	7.9	3	10.0	15	5.7
Bare foot	Male	0	0.0	1	5.6	1	3.4	2	6.1	0	0.0	4	3.6
	Female	1	2.9	1	5.6	3	8.8	5	11.6	2	9.5	12	7.9
	Total	1	1.7	2	5.6	4	6.3	7	9.2	2	6.7	16	6.1
Others	Male	4	17.4	1	5.6	5	17.2	0	0.0	0	0.0	10	8.9
	Female	1	2.9	0	0.0	0	0.0	0	0.0	0	0.0	1	0.7
	Total	5	8.6	1	2.8	5	7.9	0	0.0	0	0.0	11	4.2

Activities associated with falls (for the persons with falls)

		40-49yr		50-59yr		60-69yr		70-79yr		80yr-		Total	
		N	%	N	%	N	%	N	%	N	%	N	%
On walking	Male	5	21.7	9	50.0	9	31.0	17	51.5	3	33.3	43	38.4
	Female	15	42.9	9	50.0	13	38.2	15	34.9	9	42.9	61	40.4
	Total	20	34.5	18	50.0	22	34.9	32	42.1	12	40.0	104	39.5
On running	Male	3	13.0	0	0.0	1	3.4	0	0.0	0	0.0	4	3.6
	Female	3	8.6	3	16.7	0	0.0	3	7.0	0	0.0	9	6.0
	Total	6	10.3	3	8.3	1	1.6	3	3.9	0	0.0	13	4.9
On stepping up stairs	Male	4	17.4	4	22.2	3	10.3	2	6.1	0	0.0	13	11.6
	Female	2	5.7	0	0.0	1	2.9	2	4.7	0	0.0	5	3.3
	Total	6	10.3	4	11.1	4	6.3	4	5.3	0	0.0	18	6.8
On stepping down stairs	Male	0	0.0	0	0.0	6	20.7	3	9.1	1	11.1	10	8.9
	Female	5	14.3	1	5.6	5	14.7	5	11.6	2	9.5	18	11.9
	Total	5	8.6	1	2.8	11	17.5	8	10.5	3	10.0	28	10.6
On standing	Male	0	0.0	0	0.0	1	3.4	0	0.0	0	0.0	1	0.9
	Female	0	0.0	1	5.6	1	2.9	0	0.0	1	4.8	3	2.0
	Total	0	0.0	1	2.8	2	3.2	0	0.0	1	3.3	4	1.5
On the way standing up	Male	1	4.3	0	0.0	0	0.0	0	0.0	1	11.1	2	1.8
	Female	0	0.0	0	0.0	4	11.8	2	4.7	3	14.3	9	6.0
	Total	1	1.7	0	0.0	4	6.3	2	2.6	4	13.3	11	4.2
On the way sitting down	Male	0	0.0	1	5.6	0	0.0	0	0.0	0	0.0	1	0.9
	Female	0	0.0	0	0.0	0	0.0	1	2.3	2	9.5	3	2.0
	Total	0	0.0	1	2.8	0	0.0	1	1.3	2	6.7	4	1.5
During exercise	Male	8	34.8	2	11.1	1	3.4	1	3.0	0	0.0	12	10.7
	Female	4	11.4	0	0.0	1	2.9	1	2.3	0	0.0	6	4.0
	Total	12	20.7	2	5.6	2	3.2	2	2.6	0	0.0	18	6.8
On bicycle	Male	0	0.0	0	0.0	1	3.4	2	6.1	2	22.2	5	4.5
	Female	1	2.9	1	5.6	1	2.9	4	9.3	3	14.3	10	6.6
	Total	1	1.7	1	2.8	2	3.2	6	7.9	5	16.7	15	5.7
Others	Male	2	8.7	2	11.1	7	24.1	8	24.2	2	22.2	21	18.8
	Female	5	14.3	3	16.7	8	23.5	10	23.3	1	4.8	27	17.9
	Total	7	12.1	5	13.9	15	23.8	18	23.7	3	10.0	48	18.3

Cause of falls (for the persons with falls)

		40-49yr		50-59yr		60-69yr		70-79yr		80yr-		Total	
		N	%	N	%	N	%	N	%	N	%	N	%
Stumbled	Male	10	43.5	8	44.4	12	41.4	16	48.5	2	22.2	48	42.9
	Female	8	22.9	10	55.6	15	44.1	17	39.5	6	28.6	56	37.1
	Total	18	31.0	18	50.0	27	42.9	33	43.4	8	26.7	104	39.5
Slipped	Male	4	17.4	3	16.7	6	20.7	5	15.2	1	11.1	19	17.0
	Female	11	31.4	1	5.6	7	20.6	8	18.6	5	23.8	32	21.2
	Total	15	25.9	4	11.1	13	20.6	13	17.1	6	20.0	51	19.4
Faintness	Male	0	0.0	0	0.0	1	3.4	1	3.0	0	0.0	2	1.8
	Female	0	0.0	0	0.0	1	2.9	3	7.0	2	9.5	6	4.0
	Total	0	0.0	0	0.0	2	3.2	4	5.3	2	6.7	8	3.0
Dizzy feeling	Male	0	0.0	1	5.6	0	0.0	3	9.1	2	22.2	6	5.4
	Female	2	5.7	0	0.0	3	8.8	0	0.0	4	19.0	9	6.0
	Total	2	3.4	1	2.8	3	4.8	3	3.9	6	20.0	15	5.7
Striked against other persons or obstacles	Male	0	0.0	1	5.6	0	0.0	0	0.0	0	0.0	1	0.9
	Female	3	8.6	1	5.6	0	0.0	4	9.3	0	0.0	8	5.3
	Total	3	5.2	2	5.6	0	0.0	4	5.3	0	0.0	9	3.4
Difference in level	Male	3	13.0	3	16.7	3	10.3	4	12.1	0	0.0	13	11.6
	Female	5	14.3	3	16.7	1	2.9	4	9.3	0	0.0	13	8.6
	Total	8	13.8	6	16.7	4	6.3	8	10.5	0	0.0	26	9.9
Misstep	Male	0	0.0	0	0.0	3	10.3	1	3.0	3	33.3	7	6.3
	Female	3	8.6	1	5.6	2	5.9	3	7.0	1	4.8	10	6.6
	Total	3	5.2	1	2.8	5	7.9	4	5.3	4	13.3	17	6.5
Others	Male	6	26.1	2	11.1	4	13.8	3	9.1	1	11.1	16	14.3
	Female	3	8.6	2	11.1	5	14.7	4	9.3	3	14.3	17	11.3
	Total	9	15.5	4	11.1	9	14.3	7	9.2	4	13.3	33	12.5

Injury due to falls (for the persons with falls)

		40-49yr		50-59yr		60-69yr		70-79yr		80yr-		Total	
		N	%	N	%	N	%	N	%	N	%	N	%
No injury	Male	13	56.5	10	55.6	13	44.8	16	48.5	3	33.3	55	49.1
	Female	12	34.3	1	5.6	14	41.2	18	41.9	8	38.1	53	35.1
	Total	25	43.1	11	30.6	27	42.9	34	44.7	11	36.7	108	41.1
Bruise	Male	6	26.1	8	44.4	12	41.4	10	30.3	6	66.7	42	37.5
	Female	19	54.3	16	88.9	14	41.2	21	48.8	7	33.3	77	51.0
	Total	25	43.1	24	66.7	26	41.3	31	40.8	13	43.3	119	45.2
Hip joint fracture	Male	0	0.0	0	0.0	0	0.0	1	3.0	0	0.0	1	0.9
	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	1.3	0	0.0	1	0.4
Lumbar bone fracture	Male	0	0.0	0	0.0	1	3.4	1	3.0	0	0.0	2	1.8
	Female	0	0.0	0	0.0	1	2.9	0	0.0	0	0.0	1	0.7
	Total	0	0.0	0	0.0	2	3.2	1	1.3	0	0.0	3	1.1
Lumbar bone fracture	Male	0	0.0	0	0.0	1	3.4	1	3.0	0	0.0	2	1.8
	Female	0	0.0	0	0.0	1	2.9	0	0.0	0	0.0	1	0.7
	Total	0	0.0	0	0.0	2	3.2	1	1.3	0	0.0	3	1.1
Hand or arm 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	2.9	0	0.0	2	9.5	3	2.0
	Total	0	0.0	0	0.0	1	1.6	0	0.0	2	6.7	3	1.1
Others	Male	4	17.4	2	11.1	4	13.8	5	15.2	1	11.1	16	14.3
	Female	5	14.3	6	33.3	9	26.5	6	14.0	5	23.8	31	20.5
	Total	9	15.5	8	22.2	13	20.6	11	14.5	6	20.0	47	17.9
Total	Male	23	100.0	18	100.0	29	100.0	33	100.0	9	100.0	112	100.0
	Female	35	100.0	18	100.0	34	100.0	43	100.0	21	100.0	151	100.0
	Total	58	100.0	36	100.0	63	100.0	76	100.0	30	100.0	263	100.0

8. Urinary disturbance

Feeling of residual urine after urination

	40-49yr		50-59yr		60-69yr		70-79yr		80yr-		Total	
	N	%	N	%	N	%	N	%	N	%	N	%
Not recorded	0	0.0	0	0.0	0	0.0	1	0.3	1	1.0	2	0.1
None	325	85.5	238	78.3	226	70.4	239	70.9	70	66.7	1098	75.9
Less than once in 5 times	47	12.4	50	16.4	71	22.1	67	19.9	19	18.1	254	17.6
Less than once in 2 times	3	0.8	8	2.6	8	2.5	5	1.5	2	1.9	26	1.8
Once in 2 times	0	0.0	3	1.0	4	1.2	9	2.7	3	2.9	19	1.3
More than once in 2 times	5	1.3	1	0.3	8	2.5	4	1.2	4	3.8	22	1.5
Always	0	0.0	4	1.3	4	1.2	12	3.6	6	5.7	26	1.8

Re-urination within 2 hours

	40-49yr		50-59yr		60-69yr		70-79yr		80yr-		Total	
	N	%	N	%	N	%	N	%	N	%	N	%
Not recorded	0	0.0	0	0.0	0	0.0	1	0.3	1	1.0	2	0.1
None	198	52.1	127	41.8	128	39.9	143	42.4	38	36.2	634	43.8
Less than once in 5 times	149	39.2	141	46.4	143	44.5	118	35.0	34	32.4	585	40.4
Less than once in 2 times	20	5.3	22	7.2	14	4.4	28	8.3	9	8.6	93	6.4
Once in 2 times	5	1.3	8	2.6	11	3.4	20	5.9	9	8.6	53	3.7
More than once in 2 times	4	1.1	2	0.7	10	3.1	17	5.0	4	3.8	37	2.6
Always	4	1.1	4	1.3	15	4.7	10	3.0	10	9.5	43	3.0

Break during urination

	40-49yr		50-59yr		60-69yr		70-79yr		80yr-		Total	
	N	%	N	%	N	%	N	%	N	%	N	%
Not recorded	0	0.0	0	0.0	0	0.0	1	0.3	1	1.0	2	0.1
None	354	93.2	241	79.3	228	71.0	236	70.0	69	65.7	1128	78.0
Less than once in 5 times	22	5.8	50	16.4	61	19.0	53	15.7	19	18.1	205	14.2
Less than once in 2 times	1	0.3	8	2.6	7	2.2	12	3.6	5	4.8	33	2.3
Once in 2 times	0	0.0	3	1.0	8	2.5	6	1.8	3	2.9	20	1.4
More than once in 2 times	3	0.8	1	0.3	8	2.5	11	3.3	3	2.9	26	1.8
Always	0	0.0	1	0.3	9	2.8	18	5.3	5	4.8	33	2.3

Difficulty to suppress urination

	40-49yr		50-59yr		60-69yr		70-79yr		80yr-		Total	
	N	%	N	%	N	%	N	%	N	%	N	%
Not recorded	0	0.0	0	0.0	0	0.0	1	0.3	1	1.0	2	0.1
None	322	84.7	242	79.6	201	62.6	198	58.8	54	51.4	1017	70.3
Less than once in 5 times	49	12.9	52	17.1	80	24.9	94	27.9	34	32.4	309	21.4
Less than once in 2 times	4	1.1	6	2.0	12	3.7	10	3.0	8	7.6	40	2.8
Once in 2 times	0	0.0	1	0.3	6	1.9	6	1.8	0	0.0	13	0.9
More than once in 2 times	3	0.8	0	0.0	6	1.9	10	3.0	3	2.9	22	1.5
Always	2	0.5	3	1.0	16	5.0	18	5.3	5	4.8	44	3.0

No forcible urination

	40-49yr		50-59yr		60-69yr		70-79yr		80yr-		Total	
	N	%	N	%	N	%	N	%	N	%	N	%
Not recorded	0	0.0	0	0.0	0	0.0	1	0.3	1	1.0	2	0.1
None	307	80.8	198	65.1	175	54.5	164	48.7	43	41.0	887	61.3
Less than once in 5 times	64	16.8	76	25.0	84	26.2	86	25.5	24	22.9	334	23.1
Less than once in 2 times	5	1.3	9	3.0	15	4.7	14	4.2	11	10.5	54	3.7
Once in 2 times	1	0.3	2	0.7	10	3.1	12	3.6	3	2.9	28	1.9
More than once in 2 times	2	0.5	8	2.6	4	1.2	17	5.0	5	4.8	36	2.5
Always	1	0.3	11	3.6	33	10.3	43	12.8	18	17.1	106	7.3

Necessity to bear down on urination

	40-49yr		50-59yr		60-69yr		70-79yr		80yr-		Total	
	N	%	N	%	N	%	N	%	N	%	N	%
Not recorded	0	0.0	0	0.0	0	0.0	1	0.3	1	1.0	2	0.1
None	355	93.4	265	87.2	271	84.4	274	81.3	72	68.6	1237	85.5
Less than once in 5 times	19	5.0	27	8.9	31	9.7	30	8.9	14	13.3	121	8.4
Less than once in 2 times	0	0.0	5	1.6	9	2.8	11	3.3	3	2.9	28	1.9
Once in 2 times	1	0.3	2	0.7	1	0.3	4	1.2	3	2.9	11	0.8
More than once in 2 times	3	0.8	1	0.3	2	0.6	8	2.4	1	1.0	15	1.0
Always	2	0.5	4	1.3	7	2.2	9	2.7	11	10.5	33	2.3

Times of urination in bedtime

	40-49yr		50-59yr		60-69yr		70-79yr		80yr-		Total	
	N	%	N	%	N	%	N	%	N	%	N	%
Not recorded	0	0.0	0	0.0	0	0.0	1	0.3	1	1.0	2	0.1
None	281	73.9	155	51.0	76	23.7	51	15.1	5	4.8	568	39.3
Once	95	25.0	125	41.1	162	50.5	149	44.2	35	33.3	566	39.1
Twice	1	0.3	21	6.9	68	21.2	98	29.1	38	36.2	226	15.6
Three times	3	0.8	3	1.0	12	3.7	27	8.0	22	21.0	67	4.6
Four times	0	0.0	0	0.0	2	0.6	10	3.0	4	3.8	16	1.1
More than 5 times	0	0.0	0	0.0	1	0.3	1	0.3	0	0.0	2	0.1

Self-rated current urination

	40-49yr		50-59yr		60-69yr		70-79yr		80yr-		Total	
	N	%	N	%	N	%	N	%	N	%	N	%
Not recorded	0	0.0	0	0.0	0	0.0	1	0.3	1	1.0	2	0.1
Very satisfied	77	20.3	33	10.9	26	8.1	17	5.0	2	1.9	155	10.7
Satisfied	126	33.2	90	29.6	94	29.3	79	23.4	18	17.1	407	28.1
Satisfied a little	76	20.0	80	26.3	90	28.0	96	28.5	33	31.4	375	25.9
Not determined	78	20.5	65	21.4	59	18.4	70	20.8	22	21.0	294	20.3
Unsatisfied a little	15	3.9	27	8.9	35	10.9	46	13.6	18	17.1	141	9.7
Unsatisfied	6	1.6	7	2.3	12	3.7	23	6.8	9	8.6	57	3.9
Very unsatisfied	2	0.5	2	0.7	5	1.6	5	1.5	2	1.9	16	1.1

History of incontinence

	40-49yr		50-59yr		60-69yr		70-79yr		80yr-		Total	
	N	%	N	%	N	%	N	%	N	%	N	%
Not recorded	0	0.0	0	0.0	0	0.0	1	0.3	1	1.0	2	0.1
Yes	106	27.9	89	29.3	90	28.0	110	32.6	43	41.0	438	30.3
No	274	72.1	215	70.7	231	72.0	226	67.1	61	58.1	1007	69.6

Current incontinence

	40-49yr		50-59yr		60-69yr		70-79yr		80yr-		Total	
	N	%	N	%	N	%	N	%	N	%	N	%
Not recorded	0	0.0	0	0.0	1	1.1	0	0.0	0	0.0	1	0.2
Yes	63	59.4	52	58.4	61	67.8	86	78.2	37	86.0	299	68.3
No	43	40.6	37	41.6	28	31.1	24	21.8	6	14.0	138	31.5

Frequency of incontinence (for persons with incontinence)

	40-49yr		50-59yr		60-69yr		70-79yr		80yr-		Total	
	N	%	N	%	N	%	N	%	N	%	N	%
Once a week or less	48	76.2	43	82.7	43	70.5	64	74.4	18	48.6	216	72.2
Twice or 3 times a week	9	14.3	4	7.7	14	23.0	14	16.3	8	21.6	49	16.4
Once a day	2	3.2	2	3.8	1	1.6	3	3.5	10	27.0	18	6.0
twice a day or more	4	6.3	2	3.8	2	3.3	4	4.7	1	2.7	13	4.3
Always	0	0.0	1	1.9	1	1.6	1	1.2	0	0.0	3	1.0

Level of incontinence (for persons with incontinence)

	40-49yr		50-59yr		60-69yr		70-79yr		80yr-		Total	
	N	%	N	%	N	%	N	%	N	%	N	%
Low	60	95.2	51	98.1	59	96.7	81	94.2	31	83.8	282	94.3
Middle	3	4.8	1	1.9	1	1.6	5	5.8	6	16.2	16	5.4
High	0	0.0	0	0.0	1	1.6	0	0.0	0	0.0	1	0.3

Level of difficulty in daily life due to incontinence (for persons with incontinence)

	40-49yr		50-59yr		60-69yr		70-79yr		80yr-		Total	
	N	%	N	%	N	%	N	%	N	%	N	%
lowest	30	47.6	24	46.2	20	32.8	29	33.7	9	24.3	112	37.5
Grade 1	26	41.3	20	38.5	23	37.7	31	36.0	8	21.6	108	36.1
Grade 2	2	3.2	5	9.6	10	16.4	11	12.8	7	18.9	35	11.7
Grade 3	1	1.6	0	0.0	6	9.8	9	10.5	4	10.8	20	6.7
Grade 4	1	1.6	2	3.8	0	0.0	0	0.0	5	13.5	8	2.7
Grade 5	1	1.6	0	0.0	0	0.0	3	3.5	1	2.7	5	1.7
Grade 6	0	0.0	0	0.0	0	0.0	0	0.0	2	5.4	2	0.7
Grade 7	0	0.0	1	1.9	1	1.6	2	2.3	1	2.7	5	1.7
Grade 8	2	3.2	0	0.0	1	1.6	1	1.2	0	0.0	4	1.3

Occasion of incontinence (for persons with incontinence)

		40-49yr		50-59yr		60-69yr		70-79yr		80yr-		Total	
		N	%	N	%	N	%	N	%	N	%	N	%
when going to rest room	Male	1	50.0	2	25.0	6	54.5	12	57.1	9	56.3	30	51.7
	Female	10	16.4	5	11.4	11	22.0	22	33.8	11	52.4	59	24.5
	Total	11	17.5	7	13.5	17	27.9	34	39.5	20	54.1	89	29.8
on sneezing or coughing	Male	0	0.0	0	0.0	2	18.2	3	14.3	3	18.8	8	13.8
	Female	57	93.4	42	95.5	43	86.0	51	78.5	12	57.1	205	85.1
	Total	57	90.5	42	80.8	45	73.8	54	62.8	15	40.5	213	71.2
during sleeping	Male	0	0.0	0	0.0	0	0.0	1	4.8	1	6.3	2	3.4
	Female	0	0.0	1	2.3	0	0.0	0	0.0	1	4.8	2	0.8
	Total	0	0.0	1	1.9	0	0.0	1	1.2	2	5.4	4	1.3
during physical activity	Male	0	0.0	0	0.0	1	9.1	3	14.3	2	12.5	6	10.3
	Female	18	29.5	7	15.9	12	24.0	6	9.2	2	9.5	45	18.7
	Total	18	28.6	7	13.5	13	21.3	9	10.5	4	10.8	51	17.1
after urination	Male	2	100.0	6	75.0	3	27.3	2	9.5	5	31.3	18	31.0
	Female	1	1.6	2	4.5	1	2.0	0	0.0	0	0.0	4	1.7
	Total	3	4.8	8	15.4	4	6.6	2	2.3	5	13.5	22	7.4
not determined	Male	0	0.0	0	0.0	0	0.0	1	4.8	4	25.0	5	8.6
	Female	3	4.9	0	0.0	1	2.0	2	3.1	0	0.0	6	2.5
	Total	3	4.8	0	0.0	1	1.6	3	3.5	4	10.8	11	3.7
always	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
other	Male	0	0.0	1	12.5	2	18.2	5	23.8	5	31.3	13	22.4
	Female	1	1.6	1	2.3	4	8.0	7	10.8	1	4.8	14	5.8
	Total	1	1.6	2	3.8	6	9.8	12	14.0	6	16.2	27	9.0
Total	Male	2	100.0	8	100.0	11	100.0	21	100.0	16	100.0	58	100.0
	Female	61	100.0	44	100.0	50	100.0	65	100.0	21	100.0	241	100.0
	Total	63	100.0	52	100.0	61	100.0	86	100.0	37	100.0	299	100.0

II. Drug Use for Medication

All drugs including prescription and drugs on market used within last 2 weeks were checked. All drugs were coded by drug effect according to Japan Standard Classification.

1. Drugs on nervous system and sensory organ

11. Agent acting on central nervous system

111. General anesthetic

112. Hypnotic sedative agent, antianxiety agent

113. Antiepileptic agent

114. Antipyretic analgesic agent

115. Stimulant drug, antihypnotic drug

116. Antiparkinson drugs

117. Antipsychotic drug

118. Drug for common cold

119. Other agent acting on central nervous system

12. Agent acting on peripheral nervous system

121. Local anesthetic

122. Muscle relaxant

123. Agent for autonomic nervous system

124. Antispasmodic agent

125. Diaphoretic, antiperspirant

126. Other agent for peripheral nervous system

13. Agent acting on sensory organ

131. Ophthalmic solution (others)

13111. Ophthalmic solution (for cataract)

13121. Ophthalmic solution (pilocarpine)

13122. Ophthalmic solution (beta blocker)

13123. Ophthalmic solution (epinephrine)

13124. Ophthalmic solution (other solutions for glaucoma)

13131. Ophthalmic solution (steroid)

13100. Ophthalmic solution (unknown)

132. Agent for ear, nose and throat use

133. Anti-vertiginous drug

134. Other agent acting on sensory organ

2. Drugs on individual organs

21. Agent acting on cardiovascular system

21101. Digitalis agent

21102. Xanthine agent

21103. Other inotropic agent

21201. β blocker

21202. Agents for membrane-stabilizing activity

21203. Other antiarrhythmic agent

21301. Thiazide diuretic

21302. Loop diuretic

21303. Potassium sparing diuretic

21304. Carbonate dehydratase inhibitor

21305. Other diuretic

214. Unknown antihypertensive agent

21401. ACE inhibitor

21402. Ca antagonist

21403. Other antihypertensive agent

215. Vascular reinforcing agent

216. Vasoconstrictor

217. Vasodilator

218. Antihyperlipidemic agent

219. Other agent acting on cardiovascular system

22. Agent acting on respiratory system

221. Respiratory stimulator

222. Antitussive agent

223. Expectorant

224. Antitussive agent and expectorant

225. Bronchodilator

226. Gargle

229. Other agent acting on respiratory system

23. Agent acting on alimentary system

231. Antidiarrheal drug

- 232. Antiulcerative agent
- 233. Stomachic
- 234. Antacid
- 235. Laxative
- 236. Cholagogue
- 237. Combined digestive drug
- 239. Other agent acting on alimentary system

- 24. Hormone drug
- 241. Pituitary hormone drug
- 242. Hormone drug of salivary gland
- 243. Thyroid hormone or parathyroid hormone drug
- 244. Anabolic steroid drug
- 245. Adrenocortical hormone drug
- 246. Androgen drug
- 247. Estrogen or progesterone drug
- 248. Mixed hormone drug
- 249. Other hormone drug

- 25. Agent acting on urogenital system or anus
- 251. Agent acting on urinary system
- 252. Agent acting on genital system
- 253. Uterine constrictor
- 254. Contraceptive
- 255. Drugs for hemorrhoids
- 259. Other agent acting on urogenital system or anus

- 26. Surface-acting agent
- 261. Integumentary microbicide
- 262. Protective agent for wound
- 263. Pyostatics
- 264. Analgenic, antipruritic, astringent, antiphlogistic (medicine for external application)
- 265. Integumentary parasiticide
- 266. Emollient
- 267. Hair tonic

- 268. Bath liquid
- 269. Other surface-acting agent
- 270. Steroid surface-acting agent

- 27. Agent for dental use
 - 271. Dental local anesthetic
 - 272. Agent for devitalization of the pulp
 - 273. Analgesic or sedative for dental use
 - 274. Agent for mummification of the pulp
 - 275. Agent for pulp capping
 - 276. Antibiotics for dental use
 - 279. Other agent for dental use

- 290. Other agent for organ system

3. Drugs on metabolism

31. Vitamins

- 31101. Vitamin A preparation
- 31102. Vitamin D preparation
- 312. Vitamin B₁ preparation
- 313. Vitamin B complex preparation (exclude B₁)
- 314. Vitamin C preparation
- 315. Vitamin E preparation
- 316. Vitamin K preparation
- 317. Mixed vitamin preparation
- 319. Other vitamin preparation

32. Restoratives

- 321. Calcium preparation
- 322. Mineral preparation
- 323. Saccharides preparation
- 324. Organic acid preparation
- 325. Protein or amino acid preparation
- 326. Hormone drugs made from some internal organ
- 327. Drugs for infant

329. Other restoratives

33. Blood substitute

331. Blood substitute

332. Styptics

333. Anticoagulant

339. Other blood substitute

34. Agent for dialysis

341. Agent for hemodialysis

342. Agent for peritoneal dialysis

349. Other agent for dialysis

39. Other agent acting on metabolic system

391. Agent for liver disease

392. Antidote

393. Agent for habitual intoxication

394. Drugs for gout

395. Enzyme preparation

39600. Insulin

39601. Oral antidiabetics

397. Agent acting generally on metabolic system

399. Unclassified agent acting on metabolic system

39911. Calcitonin (elcatonin)

39911. Calcitonin (calcitonin salmon)

39911. Bisphosphonate (alendronate sodium hydrate)

39911. Bisphosphonate (sodium risedronate hydrate)

39911. Bisphosphonate (etidronate disodium)

39911. Ipriflavone

39911. Selective estrogen receptor modulator

4. Cell activation agent

41. Cell activation agent

411. Chlorophyll agent

412. Pigment agent

419. Other cell activation agent

42. Antitumor agent

421. Alkylating agent

422. Antimetabolite

423. Antibiotics for antitumor agent

424. Plant component for antitumor agent

429. Other antitumor agent

43. Radioisotope

44. Antiallergic drug

441. Antihistaminic drug

442. Agent for stimulus therapy

443. Agent for nonspecific immunogenicity

449. Other antiallergic drug

5. Drugs prescribed by a crude drug or a herb medicine

51. Crude drug

52. Herb preparation

59. Other drugs prescribed by a crude drug or herb preparation

6. Drugs for pathogenic organism

61. Antibiotics

611. Antibiotics against gram-positive bacteria

612. Antibiotics against gram-negative bacteria

613. Antibiotics against gram-positive and negative bacteria

614. Antibiotics against gram-positive bacteria and Mycoplasma

615. Antibiotics against gram-positive and negative bacteria, Rickettsia, and Chlamydia

616. Antibiotics against acid-fast bacterium

617. Antibiotics against fungus

619. Other antibiotics

62. Agent for chemotherapy

621. Sulfa drug

- 622. Antituberculous agent
- 623. Drugs for leprosy
- 624. Synthetic antibiotics
- 625. Antiviral agent
- 626. Other agent for chemotherapy

- 63. Biological agent
 - 631. Vaccine
 - 632. Poison or toxoid
 - 633. Antitoxic serum or leptospira serum
 - 634. Blood supplements
 - 635. Reagent for biological test
 - 636. Mixed biological agent
 - 639. Other biological agent

- 64. Drug against parasitic disease
 - 641. Protozoicide
 - 642. Parasiticide
 - 649. Other drug against parasitic disease

- 69. Other drugs for pathogenic organism

- 7. Drugs used not for treatment
 - 71. Dispensing drug
 - 711. Diluents
 - 712. Ointment base
 - 713. Solution
 - 714. Corrective, tincture
 - 715. Emulsifier
 - 719. Other dispensing drug

 - 72. Drugs used for diagnosis
 - 721. X-ray contrast medium
 - 722. Reagent for functional examination
 - 729. Other drugs for diagnosis

- 73. Drugs used for public health
 - 731. Antiseptic
 - 732. Pesticide for prevention of epidemics
 - 733. Insect repellent
 - 734. Insecticide
 - 735. Rodenticide
 - 736. Other drug used for public health

- 74. Reagent for extracorporeal diagnosis
 - 741. Reagent for general examination
 - 742. Reagent for blood analysis
 - 743. Reagent for biochemical analysis
 - 744. Reagent for immunologic or serologic test
 - 745. Reagent for microbiological examination
 - 746. Reagent for histopathological examination
 - 747. Radiopharmaceutical for extracorporeal diagnosis
 - 749. Other reagent for extracorporeal diagnosis

- 791. Adhesive bandage
- 799. Other drug not for treatment

8. Narcotics

- 81. Alkaloid agent
 - 811. Opiate alkaloid agent
 - 812. Coca alkaloid agent
 - 819. Other alkaloid agent

82. Non-alkaloid narcotics

- 821. Synthetic narcotic

9. Unclassifiable drug