

Month of the year of falls

		40-49yr		50-59yr		60-69yr		70-79yr		80yr-		Total	
		N	%	N	%	N	%	N	%	N	%	N	%
Not recorded	Male	3	7.3	3	10.3	8	17.4	9	15.3	1	6.3	24	12.6
	Female	14	26.9	5	10.6	5	8.9	11	13.6	3	13.0	38	14.7
	Total	17	18.3	8	10.5	13	12.7	20	14.3	4	10.3	62	13.8
Jan.-Mar.	Male	15	36.6	8	27.6	9	19.6	20	33.9	3	18.8	55	28.8
	Female	10	19.2	9	19.1	18	32.1	17	21.0	6	26.1	60	23.2
	Total	25	26.9	17	22.4	27	26.5	37	26.4	9	23.1	115	25.6
Apr.-Jun.	Male	10	24.4	5	17.2	9	19.6	11	18.6	6	37.5	41	21.5
	Female	9	17.3	11	23.4	9	16.1	19	23.5	3	13.0	51	19.7
	Total	19	20.4	16	21.1	18	17.6	30	21.4	9	23.1	92	20.4
Jul.-Sep.	Male	9	22.0	4	13.8	8	17.4	11	18.6	4	25.0	36	18.8
	Female	10	19.2	11	23.4	10	17.9	12	14.8	7	30.4	50	19.3
	Total	19	20.4	15	19.7	18	17.6	23	16.4	11	28.2	86	19.1
Oct.-Dec.	Male	4	9.8	9	31.0	12	26.1	8	13.6	2	12.5	35	18.3
	Female	9	17.3	11	23.4	14	25.0	22	27.2	4	17.4	60	23.2
	Total	13	14.0	20	26.3	26	25.5	30	21.4	6	15.4	95	21.1

Time of the day of falls

		40-49yr		50-59yr		60-69yr		70-79yr		80yr-		Total	
		N	%	N	%	N	%	N	%	N	%	N	%
not recorded	Male	3	7.3	4	13.8	8	17.4	11	18.6	1	6.3	27	14.1
	Female	10	19.2	2	4.3	6	10.7	11	13.6	3	13.0	32	12.4
	Total	13	14.0	6	7.9	14	13.7	22	15.7	4	10.3	59	13.1
0AM~5AM	Male	1	2.4	1	3.4	1	2.2	0	0.0	0	0.0	3	1.6
	Female	0	0.0	0	0.0	0	0.0	1	1.2	1	4.3	2	0.8
	Total	1	1.1	1	1.3	1	1.0	1	0.7	1	2.6	5	1.1
6AM~11AM	Male	12	29.3	11	37.9	16	34.8	17	28.8	10	62.5	66	34.6
	Female	17	32.7	25	53.2	22	39.3	29	35.8	8	34.8	101	39.0
	Total	29	31.2	36	47.4	38	37.3	46	32.9	18	46.2	167	37.1
12PM~5PM	Male	19	46.3	8	27.6	14	30.4	26	44.1	4	25.0	71	37.2
	Female	11	21.2	13	27.7	17	30.4	32	39.5	10	43.5	83	32.0
	Total	30	32.3	21	27.6	31	30.4	58	41.4	14	35.9	154	34.2
6PM~11PM	Male	6	14.6	5	17.2	7	15.2	5	8.5	1	6.3	24	12.6
	Female	14	26.9	7	14.9	11	19.6	8	9.9	1	4.3	41	15.8
	Total	20	21.5	12	15.8	18	17.6	13	9.3	2	5.1	65	14.4

Direction of falls

		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	0	0.0	1	4.3	1	0.4
	Total	0	0.0	0	0.0	0	0.0	0	0.0	1	2.6	1	0.2
foreward	Male	19	46.3	11	37.9	26	56.5	28	47.5	7	43.8	91	47.6
	Female	22	42.3	26	55.3	35	62.5	48	59.3	13	56.5	144	55.6
	Total	41	44.1	37	48.7	61	59.8	76	54.3	20	51.3	235	52.2
sideward	Male	8	19.5	10	34.5	8	17.4	18	30.5	6	37.5	50	26.2
	Female	8	15.4	10	21.3	10	17.9	17	21.0	5	21.7	50	19.3
	Total	16	17.2	20	26.3	18	17.6	35	25.0	11	28.2	100	22.2
backward	Male	8	19.5	5	17.2	8	17.4	8	13.6	2	12.5	31	16.2
	Female	13	25.0	8	17.0	8	14.3	9	11.1	2	8.7	40	15.4
	Total	21	22.6	13	17.1	16	15.7	17	12.1	4	10.3	71	15.8
others	Male	6	14.6	3	10.3	4	8.7	5	8.5	1	6.3	19	9.9
	Female	9	17.3	3	6.4	3	5.4	7	8.6	2	8.7	24	9.3
	Total	15	16.1	6	7.9	7	6.9	12	8.6	3	7.7	43	9.6

Location of falls

		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	1	1.8	0	0.0	1	4.3	2	0.8
	Total	0	0.0	0	0.0	1	1.0	0	0.0	1	2.6	2	0.4
Entrance room	Male	0	0.0	0	0.0	0	0.0	1	1.7	0	0.0	1	0.5
	Female	2	3.8	1	2.1	5	8.9	3	3.7	1	4.3	12	4.6
	Total	2	2.2	1	1.3	5	4.9	4	2.9	1	2.6	13	2.9
Living room	Male	0	0.0	0	0.0	1	2.2	3	5.1	0	0.0	4	2.1
	Female	2	3.8	3	6.4	6	10.7	5	6.2	5	21.7	21	8.1
	Total	2	2.2	3	3.9	7	6.9	8	5.7	5	12.8	25	5.6
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	0	0.0	1	1.2	0	0.0	1	0.4
	Total	0	0.0	0	0.0	0	0.0	1	0.7	0	0.0	1	0.2
Bathroom	Male	1	2.4	1	3.4	1	2.2	0	0.0	1	6.3	4	2.1
	Female	1	1.9	3	6.4	2	3.6	1	1.2	1	4.3	8	3.1
	Total	2	2.2	4	5.3	3	2.9	1	0.7	2	5.1	12	2.7
Kitchen	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	1.2	0	0.0	1	0.4
	Total	0	0.0	0	0.0	0	0.0	1	0.7	0	0.0	1	0.2
Corridor	Male	1	2.4	3	10.3	1	2.2	2	3.4	0	0.0	7	3.7
	Female	0	0.0	2	4.3	1	1.8	3	3.7	0	0.0	6	2.3
	Total	1	1.1	5	6.6	2	2.0	5	3.6	0	0.0	13	2.9
Stair	Male	1	2.4	2	6.9	1	2.2	4	6.8	0	0.0	8	4.2
	Female	5	9.6	6	12.8	2	3.6	0	0.0	3	13.0	16	6.2
	Total	6	6.5	8	10.5	3	2.9	4	2.9	3	7.7	24	5.3
Others (indoor)	Male	6	14.6	2	6.9	3	6.5	3	5.1	0	0.0	14	7.3
	Female	5	9.6	7	14.9	3	5.4	3	3.7	2	8.7	20	7.7
	Total	11	11.8	9	11.8	6	5.9	6	4.3	2	5.1	34	7.6
Garden	Male	0	0.0	1	3.4	4	8.7	8	13.6	3	18.8	16	8.4
	Female	3	5.8	4	8.5	4	7.1	7	8.6	2	8.7	20	7.7
	Total	3	3.2	5	6.6	8	7.8	15	10.7	5	12.8	36	8.0
Flat road	Male	4	9.8	7	24.1	2	4.3	8	13.6	3	18.8	24	12.6
	Female	7	13.5	3	6.4	7	12.5	27	33.3	0	0.0	44	17.0
	Total	11	11.8	10	13.2	9	8.8	35	25.0	3	7.7	68	15.1
Sloped road	Male	0	0.0	0	0.0	8	17.4	7	11.9	2	12.5	17	8.9

(Continued)

Location of falls

		40-49yr		50-59yr		60-69yr		70-79yr		80yr-		Total	
		N	%	N	%	N	%	N	%	N	%	N	%
Sloped road	Female	5	9.6	2	4.3	6	10.7	4	4.9	1	4.3	18	6.9
	Total	5	5.4	2	2.6	14	13.7	11	7.9	3	7.7	35	7.8
Farm	Male	1	2.4	1	3.4	3	6.5	7	11.9	1	6.3	13	6.8
	Female	1	1.9	1	2.1	3	5.4	4	4.9	2	8.7	11	4.2
	Total	2	2.2	2	2.6	6	5.9	11	7.9	3	7.7	24	5.3
Outdoor stairs	Male	6	14.6	1	3.4	12	26.1	4	6.8	1	6.3	24	12.6
	Female	5	9.6	3	6.4	1	1.8	4	4.9	3	13.0	16	6.2
	Total	11	11.8	4	5.3	13	12.7	8	5.7	4	10.3	40	8.9
In vehicle	Male	1	2.4	0	0.0	0	0.0	2	3.4	2	12.5	5	2.6
	Female	1	1.9	2	4.3	1	1.8	1	1.2	0	0.0	5	1.9
	Total	2	2.2	2	2.6	1	1.0	3	2.1	2	5.1	10	2.2
Others (outdoor)	Male	20	48.8	11	37.9	10	21.7	10	16.9	3	18.8	54	28.3
	Female	15	28.8	10	21.3	14	25.0	17	21.0	2	8.7	58	22.4
	Total	35	37.6	21	27.6	24	23.5	27	19.3	5	12.8	112	24.9

Footgear when falling

		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	0	0.0	1	4.3	1	0.4
	Total	0	0.0	0	0.0	0	0.0	0	0.0	1	2.6	1	0.2
Shoes	Male	28	68.3	19	65.5	40	87.0	37	62.7	12	75.0	136	71.2
	Female	32	61.5	19	40.4	32	57.1	53	65.4	10	43.5	146	56.4
	Total	60	64.5	38	50.0	72	70.6	90	64.3	22	56.4	282	62.7
Sandals	Male	4	9.8	1	3.4	3	6.5	12	20.3	3	18.8	23	12.0
	Female	7	13.5	15	31.9	7	12.5	15	18.5	3	13.0	47	18.1
	Total	11	11.8	16	21.1	10	9.8	27	19.3	6	15.4	70	15.6
Slippers	Male	2	4.9	2	6.9	1	2.2	3	5.1	0	0.0	8	4.2
	Female	2	3.8	2	4.3	6	10.7	3	3.7	1	4.3	14	5.4
	Total	4	4.3	4	5.3	7	6.9	6	4.3	1	2.6	22	4.9
Socks	Male	0	0.0	0	0.0	0	0.0	4	6.8	0	0.0	4	2.1
	Female	6	11.5	2	4.3	3	5.4	4	4.9	3	13.0	18	6.9
	Total	6	6.5	2	2.6	3	2.9	8	5.7	3	7.7	22	4.9
Bare foot	Male	2	4.9	4	13.8	2	4.3	2	3.4	1	6.3	11	5.8
	Female	2	3.8	5	10.6	5	8.9	6	7.4	5	21.7	23	8.9
	Total	4	4.3	9	11.8	7	6.9	8	5.7	6	15.4	34	7.6
Others	Male	5	12.2	3	10.3	0	0.0	1	1.7	0	0.0	9	4.7
	Female	3	5.8	4	8.5	3	5.4	0	0.0	0	0.0	10	3.9
	Total	8	8.6	7	9.2	3	2.9	1	0.7	0	0.0	19	4.2

Activities associated with falls

		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	0	0.0	1	4.3	1	0.4
	Total	0	0.0	0	0.0	0	0.0	0	0.0	1	2.6	1	0.2
On walking	Male	15	36.6	13	44.8	13	28.3	26	44.1	5	31.3	72	37.7
	Female	16	30.8	15	31.9	23	41.1	38	46.9	9	39.1	101	39.0
	Total	31	33.3	28	36.8	36	35.3	64	45.7	14	35.9	173	38.4
On running	Male	1	2.4	1	3.4	3	6.5	1	1.7	0	0.0	6	3.1
	Female	4	7.7	5	10.6	6	10.7	4	4.9	0	0.0	19	7.3
	Total	5	5.4	6	7.9	9	8.8	5	3.6	0	0.0	25	5.6
On stepping up stairs	Male	2	4.9	3	10.3	6	13.0	6	10.2	1	6.3	18	9.4
	Female	4	7.7	3	6.4	0	0.0	1	1.2	3	13.0	11	4.2
	Total	6	6.5	6	7.9	6	5.9	7	5.0	4	10.3	29	6.4
On stepping down stairs	Male	3	7.3	0	0.0	6	13.0	2	3.4	0	0.0	11	5.8
	Female	10	19.2	6	12.8	2	3.6	2	2.5	3	13.0	23	8.9
	Total	13	14.0	6	7.9	8	7.8	4	2.9	3	7.7	34	7.6
On standing	Male	1	2.4	0	0.0	0	0.0	2	3.4	0	0.0	3	1.6
	Female	2	3.8	0	0.0	1	1.8	0	0.0	0	0.0	3	1.2
	Total	3	3.2	0	0.0	1	1.0	2	1.4	0	0.0	6	1.3
On the way standing up	Male	0	0.0	0	0.0	0	0.0	4	6.8	3	18.8	7	3.7
	Female	1	1.9	2	4.3	2	3.6	1	1.2	3	13.0	9	3.5
	Total	1	1.1	2	2.6	2	2.0	5	3.6	6	15.4	16	3.6
On the way sitting down	Male	0	0.0	1	3.4	0	0.0	0	0.0	0	0.0	1	0.5
	Female	0	0.0	3	6.4	1	1.8	1	1.2	0	0.0	5	1.9
	Total	0	0.0	4	5.3	1	1.0	1	0.7	0	0.0	6	1.3
During exercise	Male	8	19.5	4	13.8	0	0.0	1	1.7	0	0.0	13	6.8
	Female	5	9.6	3	6.4	5	8.9	1	1.2	0	0.0	14	5.4
	Total	13	14.0	7	9.2	5	4.9	2	1.4	0	0.0	27	6.0
On bicycle	Male	3	7.3	2	6.9	3	6.5	2	3.4	4	25.0	14	7.3
	Female	5	9.6	1	2.1	1	1.8	14	17.3	1	4.3	22	8.5
	Total	8	8.6	3	3.9	4	3.9	16	11.4	5	12.8	36	8.0
Others	Male	8	19.5	5	17.2	15	32.6	15	25.4	3	18.8	46	24.1
	Female	5	9.6	9	19.1	15	26.8	19	23.5	3	13.0	51	19.7
	Total	13	14.0	14	18.4	30	29.4	34	24.3	6	15.4	97	21.6

Cause of falls

		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	0	0.0	1	4.3	1	0.4
	Total	0	0.0	0	0.0	0	0.0	0	0.0	1	2.6	1	0.2
Stumbled	Male	10	24.4	6	20.7	23	50.0	27	45.8	9	56.3	75	39.3
	Female	18	34.6	16	34.0	22	39.3	29	35.8	8	34.8	93	35.9
	Total	28	30.1	22	28.9	45	44.1	56	40.0	17	43.6	168	37.3
Slipped	Male	14	34.1	11	37.9	6	13.0	9	15.3	2	12.5	42	22.0
	Female	14	26.9	13	27.7	10	17.9	14	17.3	3	13.0	54	20.8
	Total	28	30.1	24	31.6	16	15.7	23	16.4	5	12.8	96	21.3
Faintness	Male	0	0.0	0	0.0	1	2.2	0	0.0	1	6.3	2	1.0
	Female	1	1.9	1	2.1	0	0.0	1	1.2	0	0.0	3	1.2
	Total	1	1.1	1	1.3	1	1.0	1	0.7	1	2.6	5	1.1
Dizzy feeling	Male	2	4.9	0	0.0	3	6.5	5	8.5	3	18.8	13	6.8
	Female	1	1.9	2	4.3	1	1.8	3	3.7	3	13.0	10	3.9
	Total	3	3.2	2	2.6	4	3.9	8	5.7	6	15.4	23	5.1
Striked against other persons or obstacles	Male	0	0.0	3	10.3	0	0.0	1	1.7	0	0.0	4	2.1
	Female	1	1.9	2	4.3	3	5.4	5	6.2	1	4.3	12	4.6
	Total	1	1.1	5	6.6	3	2.9	6	4.3	1	2.6	16	3.6
Difference in level	Male	4	9.8	1	3.4	4	8.7	6	10.2	0	0.0	15	7.9
	Female	6	11.5	7	14.9	6	10.7	12	14.8	3	13.0	34	13.1
	Total	10	10.8	8	10.5	10	9.8	18	12.9	3	7.7	49	10.9
Misstep	Male	3	7.3	3	10.3	3	6.5	4	6.8	0	0.0	13	6.8
	Female	8	15.4	4	8.5	5	8.9	8	9.9	2	8.7	27	10.4
	Total	11	11.8	7	9.2	8	7.8	12	8.6	2	5.1	40	8.9
Others	Male	8	19.5	5	17.2	6	13.0	7	11.9	1	6.3	27	14.1
	Female	3	5.8	2	4.3	9	16.1	9	11.1	2	8.7	25	9.7
	Total	11	11.8	7	9.2	15	14.7	16	11.4	3	7.7	52	11.6

Injury due to falls

		40-49yr		50-59yr		60-69yr		70-79yr		80yr-		Total	
		N	%	N	%	N	%	N	%	N	%	N	%
No injury label	Male	22	53.7	19	65.5	24	52.2	30	50.8	5	31.3	100	52.4
	Female	15	28.8	13	27.7	20	35.7	27	33.3	5	21.7	80	30.9
	Total	37	39.8	32	42.1	44	43.1	57	40.7	10	25.6	180	40.0
Bruise label	Male	12	29.3	6	20.7	19	41.3	22	37.3	7	43.8	66	34.6
	Female	23	44.2	31	66.0	19	33.9	34	42.0	11	47.8	118	45.6
	Total	35	37.6	37	48.7	38	37.3	56	40.0	18	46.2	184	40.9
Hip joint fracture label	Male	0	0.0	1	3.4	1	2.2	1	1.7	0	0.0	3	1.6
	Female	0	0.0	0	0.0	0	0.0	0	0.0	1	4.3	1	0.4
	Total	0	0.0	1	1.3	1	1.0	1	0.7	1	2.6	4	0.9
Lumbar bone fracture label	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	1.2	1	4.3	2	0.8
	Total	0	0.0	0	0.0	0	0.0	1	0.7	1	2.6	2	0.4
Lumbar bone fracture label	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	1.2	1	4.3	2	0.8
	Total	0	0.0	0	0.0	0	0.0	1	0.7	1	2.6	2	0.4
Hand or arm fracture label	Male	0	0.0	0	0.0	2	4.3	1	1.7	0	0.0	3	1.6
	Female	1	1.9	0	0.0	2	3.6	3	3.7	0	0.0	6	2.3
	Total	1	1.1	0	0.0	4	3.9	4	2.9	0	0.0	9	2.0
Others label	Male	8	19.5	4	13.8	3	6.5	7	11.9	4	25.0	26	13.6
	Female	17	32.7	7	14.9	17	30.4	23	28.4	6	26.1	70	27.0
	Total	25	26.9	11	14.5	20	19.6	30	21.4	10	25.6	96	21.3
Total	Male	41	100.0	29	100.0	46	100.0	59	100.0	16	100.0	191	100.0
	Female	52	100.0	47	100.0	56	100.0	81	100.0	23	100.0	259	100.0
	Total	93	100.0	76	100.0	102	100.0	140	100.0	39	100.0	450	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	0	0.0	1	0.9	1	0.0
None	470	81.0	453	78.4	408	71.2	382	70.7	69	61.6	1782	74.8
Less than once in 5 times	83	14.3	102	17.6	114	19.9	95	17.6	22	19.6	416	17.5
Less than once in 2 times	11	1.9	9	1.6	19	3.3	19	3.5	4	3.6	62	2.6
Once in 2 times	4	0.7	8	1.4	11	1.9	9	1.7	6	5.4	38	1.6
More than once in 2 times	11	1.9	3	0.5	7	1.2	9	1.7	3	2.7	33	1.4
Always	1	0.2	3	0.5	14	2.4	26	4.8	7	6.3	51	2.1

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	0	0.0	1	0.9	1	0.0
None	307	52.9	271	46.9	238	41.5	242	44.8	33	29.5	1091	45.8
Less than once in 5 times	223	38.4	237	41.0	222	38.7	181	33.5	48	42.9	911	38.2
Less than once in 2 times	20	3.4	41	7.1	44	7.7	34	6.3	13	11.6	152	6.4
Once in 2 times	12	2.1	12	2.1	24	4.2	21	3.9	4	3.6	73	3.1
More than once in 2 times	11	1.9	7	1.2	14	2.4	24	4.4	4	3.6	60	2.5
Always	7	1.2	10	1.7	31	5.4	38	7.0	9	8.0	95	4.0

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	0	0.0	1	0.9	1	0.0
None	527	90.9	476	82.4	404	70.5	393	72.8	69	61.6	1869	78.4
Less than once in 5 times	42	7.2	78	13.5	105	18.3	82	15.2	24	21.4	331	13.9
Less than once in 2 times	7	1.2	12	2.1	20	3.5	15	2.8	5	4.5	59	2.5
Once in 2 times	1	0.2	2	0.3	11	1.9	15	2.8	2	1.8	31	1.3
More than once in 2 times	2	0.3	5	0.9	14	2.4	13	2.4	2	1.8	36	1.5
Always	1	0.2	5	0.9	19	3.3	22	4.1	9	8.0	56	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	1	0.2	0	0.0	1	0.2	1	0.9	3	0.1
None	499	86.0	440	76.1	368	64.2	327	60.6	58	51.8	1692	71.0
Less than once in 5 times	69	11.9	113	19.6	145	25.3	142	26.3	32	28.6	501	21.0
Less than once in 2 times	4	0.7	10	1.7	20	3.5	16	3.0	7	6.3	57	2.4
Once in 2 times	1	0.2	5	0.9	5	0.9	12	2.2	4	3.6	27	1.1
More than once in 2 times	2	0.3	5	0.9	7	1.2	13	2.4	1	0.9	28	1.2
Always	5	0.9	4	0.7	28	4.9	29	5.4	9	8.0	75	3.1

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	0.2	1	0.9	2	0.1
None	452	77.9	371	64.2	290	50.6	269	49.8	37	33.0	1419	59.5
Less than once in 5 times	103	17.8	148	25.6	166	29.0	144	26.7	32	28.6	593	24.9
Less than once in 2 times	9	1.6	21	3.6	28	4.9	24	4.4	6	5.4	88	3.7
Once in 2 times	4	0.7	9	1.6	13	2.3	9	1.7	3	2.7	38	1.6
More than once in 2 times	10	1.7	16	2.8	18	3.1	17	3.1	4	3.6	65	2.7
Always	2	0.3	13	2.2	58	10.1	76	14.1	29	25.9	178	7.5

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	0.2	1	0.9	2	0.1
None	540	93.1	497	86.0	454	79.2	424	78.5	75	67.0	1990	83.5
Less than once in 5 times	35	6.0	59	10.2	82	14.3	67	12.4	24	21.4	267	11.2
Less than once in 2 times	0	0.0	9	1.6	12	2.1	12	2.2	3	2.7	36	1.5
Once in 2 times	0	0.0	5	0.9	6	1.0	5	0.9	2	1.8	18	0.8
More than once in 2 times	1	0.2	4	0.7	5	0.9	11	2.0	1	0.9	22	0.9
Always	4	0.7	4	0.7	14	2.4	20	3.7	6	5.4	48	2.0

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	0	0.0	1	0.9	1	0.0
None	405	69.8	300	51.9	134	23.4	87	16.1	10	8.9	936	39.3
Once	150	25.9	234	40.5	280	48.9	232	43.0	34	30.4	930	39.0
Twice	20	3.4	39	6.7	124	21.6	138	25.6	43	38.4	364	15.3
Three times	2	0.3	3	0.5	29	5.1	59	10.9	20	17.9	113	4.7
Four times	0	0.0	1	0.2	5	0.9	22	4.1	3	2.7	31	1.3
More than 5 times	3	0.5	1	0.2	1	0.2	2	0.4	1	0.9	8	0.3

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	0	0.0	1	0.9	1	0.0
Very satisfied	119	20.5	88	15.2	48	8.4	27	5.0	0	0.0	282	11.8
Satisfied	198	34.1	165	28.5	145	25.3	121	22.4	20	17.9	649	27.2
Satisfied a little	102	17.6	141	24.4	165	28.8	182	33.7	37	33.0	627	26.3
Not determined	109	18.8	115	19.9	122	21.3	109	20.2	33	29.5	488	20.5
Unsatisfied a little	38	6.6	51	8.8	66	11.5	63	11.7	12	10.7	230	9.7
Unsatisfied	8	1.4	17	2.9	19	3.3	29	5.4	7	6.3	80	3.4
Very unsatisfied	6	1.0	1	0.2	8	1.4	9	1.7	2	1.8	26	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	0	0.0	1	0.9	1	0.0
Yes	157	27.1	164	28.4	152	26.5	192	35.6	56	50.0	721	30.3
No	423	72.9	414	71.6	421	73.5	348	64.4	55	49.1	1661	69.7

Frequency of incontinence (for persons having a history of incontinence)

	40-49yr		50-59yr		60-69yr		70-79yr		80yr-		Total	
	N	%	N	%	N	%	N	%	N	%	N	%
Not recorded	2	1.3	3	1.8	0	0.0	0	0.0	1	1.8	6	0.8
Once a week or less	139	88.5	137	83.5	124	81.6	142	74.0	35	62.5	577	80.0
Twice or 3 times a week	8	5.1	15	9.1	17	11.2	23	12.0	9	16.1	72	10.0
Once a day	2	1.3	3	1.8	5	3.3	14	7.3	8	14.3	32	4.4
twice a day or more	4	2.5	6	3.7	5	3.3	11	5.7	2	3.6	28	3.9
Always	2	1.3	0	0.0	1	0.7	2	1.0	1	1.8	6	0.8

Level of incontinence (for persons having a history of incontinence)

	40-49yr		50-59yr		60-69yr		70-79yr		80yr-		Total	
	N	%	N	%	N	%	N	%	N	%	N	%
Not recorded	2	1.3	3	1.8	0	0.0	0	0.0	1	1.8	6	0.8
Low	153	97.5	156	95.1	144	94.7	169	88.0	45	80.4	667	92.5
Middle	2	1.3	5	3.0	6	3.9	20	10.4	9	16.1	42	5.8
High	0	0.0	0	0.0	2	1.3	3	1.6	1	1.8	6	0.8

Level of difficulty in daily life due to incontinence (for persons having a history of incontinence)

	40-49yr		50-59yr		60-69yr		70-79yr		80yr-		Total	
	N	%	N	%	N	%	N	%	N	%	N	%
Not recorded	2	1.3	3	1.8	0	0.0	0	0.0	1	1.8	6	0.8
lowest	83	52.9	86	52.4	74	48.7	78	40.6	14	25.0	335	46.5
Grade 1	54	34.4	57	34.8	52	34.2	52	27.1	17	30.4	232	32.2
Grade 2	11	7.0	11	6.7	14	9.2	21	10.9	12	21.4	69	9.6
Grade 3	5	3.2	5	3.0	7	4.6	20	10.4	6	10.7	43	6.0
Grade 4	1	0.6	0	0.0	0	0.0	3	1.6	2	3.6	6	0.8
Grade 5	0	0.0	1	0.6	1	0.7	9	4.7	2	3.6	13	1.8
Grade 6	0	0.0	1	0.6	0	0.0	4	2.1	0	0.0	5	0.7
Grade 7	0	0.0	0	0.0	0	0.0	2	1.0	1	1.8	3	0.4
Grade 8	1	0.6	0	0.0	1	0.7	1	0.5	1	1.8	4	0.6
Grade 9	0	0.0	0	0.0	2	1.3	1	0.5	0	0.0	3	0.4
highest	0	0.0	0	0.0	1	0.7	1	0.5	0	0.0	2	0.3

Occasion of incontinence (for persons having a history of incontinence)

		40-49yr		50-59yr		60-69yr		70-79yr		80yr-		Total	
		N	%	N	%	N	%	N	%	N	%	N	%
when going to rest room	Male	3	18.8	6	30.0	18	46.2	32	60.4	12	75.0	71	49.3
	Female	11	7.8	22	15.3	30	26.5	43	30.9	18	45.0	124	21.5
	Total	14	8.9	28	17.1	48	31.6	75	39.1	30	53.6	195	27.0
on sneezing or coughing	Male	1	6.3	3	15.0	7	17.9	10	18.9	2	12.5	23	16.0
	Female	134	95.0	130	90.3	92	81.4	110	79.1	29	72.5	495	85.8
	Total	135	86.0	133	81.1	99	65.1	120	62.5	31	55.4	518	71.8
during sleeping	Male	1	6.3	1	5.0	2	5.1	4	7.5	1	6.3	9	6.3
	Female	0	0.0	1	0.7	1	0.9	2	1.4	1	2.5	5	0.9
	Total	1	0.6	2	1.2	3	2.0	6	3.1	2	3.6	14	1.9
during physical activity	Male	1	6.3	1	5.0	1	2.6	8	15.1	0	0.0	11	7.6
	Female	31	22.0	11	7.6	13	11.5	21	15.1	3	7.5	79	13.7
	Total	32	20.4	12	7.3	14	9.2	29	15.1	3	5.4	90	12.5
after urination	Male	9	56.3	8	40.0	17	43.6	12	22.6	4	25.0	50	34.7
	Female	2	1.4	1	0.7	3	2.7	5	3.6	1	2.5	12	2.1
	Total	11	7.0	9	5.5	20	13.2	17	8.9	5	8.9	62	8.6
not determined	Male	1	6.3	1	5.0	3	7.7	7	13.2	1	6.3	13	9.0
	Female	2	1.4	3	2.1	6	5.3	6	4.3	2	5.0	19	3.3
	Total	3	1.9	4	2.4	9	5.9	13	6.8	3	5.4	32	4.4
always	Male	1	6.3	0	0.0	0	0.0	0	0.0	0	0.0	1	0.7
	Female	0	0.0	0	0.0	2	1.8	0	0.0	0	0.0	2	0.3
	Total	1	0.6	0	0.0	2	1.3	0	0.0	0	0.0	3	0.4
Total	Male	16	100.0	20	100.0	39	100.0	53	100.0	16	100.0	144	100.0
	Female	141	100.0	144	100.0	113	100.0	139	100.0	40	100.0	577	100.0
	Total	157	100.0	164	100.0	152	100.0	192	100.0	56	100.0	721	100.0

III. 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

21401. ACE inhibitor

21402. Ca antagonist

21403. Other antihypertensive agent

21499. Unknown 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

- 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
 - 311. Vitamin A or 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

396. Antidiabetics

397. Agent acting generally on metabolic system

399. Unclassified agent acting on metabolic system

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