

Additional Table 1. Characteristics of long-term care beneficiaries aged 65 years and above who passed away in Japan between January 2008 and December 2013, by the use of each type of long-term care services provided for home-dwelling recipients

	Total (n=2035657)	No use (n=1098458)	Total users* (n=937199)	In-home services (n=807785)	Day services (n=385573)	Short-stay services (n=148701)	In-home services and day services (n=280256)	In-home services and short-stay services (n=107377)	Day services and short- stay services (n=83338)	In-home, day service, and short- stay service (n=66111)
Death by year (%)										
2008	15.6	15.8	15.2	15.1	14.8	15.5	14.0	15.5	15.4	14.8
2009	15.6	15.8	15.3	15.2	15.1	15.7	14.7	15.7	15.8	15.4
2010	16.5	16.6	16.3	16.3	16.4	16.5	16.3	16.8	16.8	16.9
2011	17.2	17.2	17.3	17.3	17.6	17.1	17.7	17.2	17.4	17.5
2012	18.3	17.9	18.7	18.8	19.0	18.6	19.5	18.6	18.6	18.9
2013	16.9	16.7	17.1	17.3	17.2	16.5	17.8	16.2	16.1	16.5
Place of death (%)										
Home	13.9	2.3	27.5	29.8	21.1	20.4	23.1	25.2	23.0	25.2
Other places [†]	86.1	97.7	72.5	70.2	78.9	79.6	76.9	74.8	77.0	74.8
Median (IQR [‡]) age, years	85(79, 90)	84(79, 90)	85(79, 90)	85(79, 90)	86(81, 91)	88(79, 90)	86(81, 91)	88(83, 90)	88(83, 93)	88(83, 93)
Gender (%)										
Male	49.0	49.8	48.1	48.9	44.1	39.4	44.7	38.9	38.6	38.9
Female	51.0	50.2	51.9	51.1	55.9	60.6	55.3	61.1	61.4	61.1
Degree of care need (%)										
Low	8.6	9.0	8.2	6.7	9.6	1.4	5.1	0.7	1.4	0.6
Moderate	25.9	21.9	30.7	28.3	36.1	20.5	29.9	16.3	25.1	18.4
High	65.4	69.2	61.1	65.1	54.3	78.2	65.0	82.9	73.5	81.0
Presence of spouse (%)										
Present	44.6	44.4	45.0	46.3	38.2	32.9	38.8	33.6	31.9	33.1
Unmarried	3.2	3.6	2.7	2.8	2.3	2.0	2.5	1.7	1.6	1.5
Bereavement	48.1	47.6	48.7	47.1	56.1	62.7	55.2	62.4	64.4	63.3
Divorce	4.0	4.4	3.6	3.8	3.3	2.5	3.5	2.3	2.1	2.1
Underlying cause of death (%)										
Cancer	28.0	27.3	28.9	30.9	16.9	13.4	17.2	12.7	11.4	11.3
Cardiovascular	16.3	13.5	19.5	18.0	25.5	22.9	23.6	22.2	25.1	23.6
Pneumonia	13.0	15.1	10.5	10.2	12.4	15.2	12.8	15.1	14.7	14.9
Cerebrovascular	10.9	12.5	9.0	8.6	11.7	11.8	11.4	12.1	12.7	12.9
Senility	4.8	3.6	6.1	6.5	5.5	8.7	6.4	9.8	8.0	8.9
Others	27.1	27.9	26.1	25.9	28.0	28.0	28.6	28.2	28.1	28.4

* Long-term care (LTC) services were used by the recipients during/in the month of death. [†] Other places indicate hospitals, clinics with beds, LTC facilities, qualified nursing homes, and others such as day service facilities or outdoors [‡] Interquartile range.