

**Table 2 Correction for the under-reporting of deaths of above 4 years age group for 23 provinces of the Islamic Republic of Iran in 2003 with Brass Growth-Balance method**

Exact age (years)	Registered deaths	Population	Population at exact age x	Population at exact age x and above	Deaths at exact age x and above	Partial death rate	Partial birth rate	Corrected number of deaths
x	${}_5D_x$	${}_5N_x$	N(x)	N(x+)	D(x+)	D(x+)/N(x+)	N(x)/N(x+)	Adj. ${}_5D_x$
5	2 564	5 111 028	900 018	44 489 382	195 028	0.0044	0.0202	3 005
10	2 793	6 557 580	1 166 861	39 378 354	192 463	0.0049	0.0296	3 273
15	6 578	6 624 651	1 318 223	32 820 774	189 670	0.0058	0.0402	7 707
20	8 139	4 786 413	1 141 106	26 196 123	183 092	0.0070	0.0436	9 536
25	6 463	3 958 579	874 499	21 409 710	174 953	0.0082	0.0408	7 573
30	5 448	3 385 884	734 446	17 451 131	168 490	0.0097	0.0421	6 384
35	5 147	2 919 651	630 553	14 065 248	163 042	0.0116	0.0448	6 031
40	6 187	2 579 119	549 877	11 145 597	157 895	0.0142	0.0493	7 249
45	7 217	2 057 453	463 657	8 566 478	151 708	0.0177	0.0541	8 456
50	8 645	1 508 025	356 548	6 509 025	144 491	0.0222	0.0548	10 130
55	8 469	1 184 407	269 243	5 001 000	135 846	0.0272	0.0538	9 924
60	11 595	1 154 921	233 933	3 816 593	127 376	0.0334	0.0613	13 586
65	17 689	1 019 608	217 453	2 661 672	115 781	0.0435	0.0817	20 726
70	25 375	803 525	182 313	1 642 065	98 092	0.0597	0.1110	29 732
75	30 359	516 288	–	–	–	–	–	35 572
80	24 234	176 692	–	–	–	–	–	28 395
85	18 124	145 560	–	–	–	–	–	21 236
5+	195 028	44 489 382	–	–	–	–	–	228 515

Source of population data: Ministry of Health [14].

Source of death data: National Death Registration System [14].