

**Supplemental Table 1.** Standardized Mortality Ratios for All Causes by calendar year. Observed (O) and Expected (E) Cases, SMR and 95% Confidence Interval (95% CI) Follow Up Period 1989 – 2011\*

Year	O	FVG Standard Rates <sup>1</sup>			Italian Standard Rates <sup>2</sup>		
		E	SMR	95% CI	E	SMR	95% CI
1989	-	0.97	-	-	0.84	-	-
1990	-	1.17	-	-	1.02	-	-
1991	-	1.40	-	-	1.21	-	-
1992	-	1.74	-	-	1.52	-	-
1993	-	1.98	-	-	1.78	-	-
1994	-	2.66	-	-	2.36	-	-
1995	2	3.75	0.53	0.06-1.93	3.37	0.59	0.07-2.14
1996	3	4.86	0.62	0.13-1.80	4.39	0.68	0.14-2.00
1997	6	5.93	1.01	0.33-2.21	5.52	1.09	0.36-2.37
1998	4	7.57	0.53	0.14-1.35	7.01	0.57	0.16-1.46
1999	5	9.13	0.55	0.18-1.28	8.40	0.60	0.19-1.39
2000	9	11.09	0.81	0.37-1.54	10.36	0.87	0.40-1.65
2001	16	14.99	1.07	0.61-1.73	13.97	1.14	0.65-1.85
2002	23	19.48	1.18	0.75-1.77	18.25	1.26	0.80-1.89
2003	20	26.53	0.75	0.46-1.16	24.51	0.82	0.50-1.26
2004	27	33.00	0.82	0.54-1.19	30.48	0.89	0.58-1.29
2005	30	32.56	0.92	0.62-1.32	30.92	0.97	0.65-1.39
2006	31	36.73	0.84	0.57-1.21	34.95	0.89	0.60-1.27
2007	44	38.65	1.14	0.83-1.53	37.96	1.16	0.85-1.55
2008	42	43.44	0.97	0.69-1.31	41.30	1.02	0.73-1.38
2009	41	45.20	0.91	0.65-1.23	43.54	0.94	0.67-1.28
2010	41	46.50	0.88	0.63-1.20	44.36	0.92	0.66-1.26
2011	44	47.97	0.92	0.67-1.23	46.36	0.95	0.69-1.27

<sup>1</sup>Standard rate: age-specific mortality rates of FVG for years 1989-2003 and 2006-2011, provided by the Istituto Superiore di Sanità (ISS); <sup>2</sup>Standard rate: age-specific mortality rates of Italy for years 1989-2003 and 2006-2011, provided by the Istituto Superiore di Sanità (ISS). \*Follow Up Period: 1989 – 2011. Cohort included 2,488 subjects, for 26,415.77 total person-years.

**Supplemental Table 2.** Standardized Mortality Ratios for All Cancers by calendar year. Observed (O) and Expected (E) Cases, SMR and 95% Confidence Interval (95% CI) Follow Up Period 1989 – 2011\*

Year	O	FVG Standard Rates <sup>1</sup>			Italian Standard Rates <sup>2</sup>		
		E	SMR	95% CI	E	SMR	95% CI
1989	-	0.39	-	-	0.32	-	-
1990	-	0.49	-	-	0.39	-	-
1991	-	0.57	-	-	0.46	-	-
1992	-	0.74	-	-	0.59	-	-
1993	-	0.86	-	-	0.70	-	-
1994	-	1.17	-	-	0.96	-	-
1995	0	1.58	0.00	-	1.34	0.00	-
1996	2	2.08	0.96	0.12-3.47	1.74	1.15	0.14-4.15
1997	1	2.45	0.41	0.01-2.27	2.20	0.46	0.01-2.53
1998	2	3.22	0.62	0.08-2.24	2.77	0.72	0.09-2.61
1999	2	3.93	0.51	0.06-1.84	3.33	0.60	0.07-2.17
2000	5	4.67	1.07	0.35-2.49	4.13	1.21	0.39-2.82
2001	10	6.52	1.53	0.74-2.82	5.69	1.76	0.84-3.23
2002	9	8.75	1.03	0.47-1.96	7.51	1.20	0.55-2.28
2003	12	11.27	1.06	0.55-1.86	10.12	1.19	0.61-2.08
2004	14	13.95	1.00	0.55-1.69	12.53	1.12	0.61-1.88
2005	11	14.69	0.75	0.37-1.34	13.27	0.83	0.41-1.48
2006	15	16.45	0.91	0.51-1.50	14.85	1.01	0.57-1.67
2007	22	17.08	1.29	0.81-1.95	15.95	1.38	0.86-2.08
2008	20	18.99	1.05	0.64-1.62	16.92	1.18	0.72-1.82
2009	18	18.93	0.95	0.56-1.50	17.53	1.03	0.61-1.62
2010	20	19.89	1.01	0.61-1.55	17.83	1.12	0.69-1.73
2011	18	20.31	0.89	0.53-1.40	18.21	0.99	0.59-1.56

<sup>1</sup>Standard rate: age-specific mortality rates of FVG for years 1989-2003 and 2006-2011, provided by the Istituto Superiore di Sanità (ISS); <sup>2</sup>Standard rate: age-specific mortality rates of Italy for years 1989-2003 and 2006-2011, provided by the Istituto Superiore di Sanità (ISS). \*Follow Up Period: 1989 – 2011. Cohort included 2,488 subjects, for 26,415.77 total person-years.

**Supplemental Table 3.** Standardized Mortality Ratios for Malignant Pleural cancer by calendar year. Observed (O) and Expected (E) Cases, SMR and 95% Confidence Interval (95% CI) Follow Up Period 1989 – 2011\*

Year	O	FVG Standard Rates <sup>1</sup>			Italian Standard Rates <sup>2</sup>		
		E	SMR	95% CI	E	SMR	95% CI
1989	-	0.00	-	-	0.00	-	-
1990	-	0.01	-	-	0.00	-	-
1991	-	0.00	-	-	0.00	-	-
1992	-	0.01	-	-	0.00	-	-
1993	-	0.01	-	-	0.01	-	-
1994	-	0.01	-	-	0.01	-	-
1995	-	0.02	-	-	0.01	-	-
1996	1	0.04	22.32	0.56-124.33	0.01	78.41	1.98-436.74
1997	-	0.03	-	-	0.02	-	-
1998	-	0.04	-	-	0.02	-	-
1999	1	0.06	17.73	0.45-98.77	0.03	32.01	0.81-178.30
2000	-	0.09	-	-	0.04	-	-
2001	2	0.14	13.81	1.67-49.86	0.05	37.27	4.51-134.55
2002	3	0.21	14.33	2.95-41.83	0.08	39.57	8.15-115.55
2003	-	0.14	-	-	0.10	-	-
2004	2	0.17	11.92	1.44-43.03	0.12	17.12	2.07-61.79
2005	1	0.32	3.13	0.08-17.45	0.15	6.77	0.17-37.68
2006	2	0.35	5.69	0.69-20.55	0.16	12.29	1.49-44.36
2007	3	0.31	9.73	2.00-28.41	0.18	16.51	3.40-48.21
2008	4	0.53	7.48	2.04-19.16	0.19	21.33	5.80-54.62
2009	3	0.43	7.01	1.44-20.48	0.21	14.62	3.01-42.69
2010	2	0.49	4.08	0.49-14.71	0.20	9.90	1.20-35.75
2011	1	0.22	4.59	0.12-25.59	0.20	4.93	0.12-27.47

<sup>1</sup>Standard rate: age-specific mortality rates of FVG for years 1989-2003 and 2006-2011 calculated from the data of mortality provided by the National Institute of Statistics (ISTAT); <sup>2</sup>Standard rate: age-specific mortality rates of Italy for years 1989-2003 and 2006-2011 calculated from the data of mortality provided by the National Institute of Statistics (ISTAT); \*Follow Up Period: 1989 – 2011. Cohort included 2,488 subjects, for 26,415.77 total person-years.

**Supplemental Table 4.** Standardized Mortality Ratios for Lung cancer by calendar year. Observed (O) and Expected (E) Cases, SMR and 95% Confidence Interval (95% CI) Follow Up Period 1989 – 2011\*

Year	O	FVG Standard Rates <sup>1</sup>			Italian Standard Rates <sup>2</sup>		
		E	SMR	95% CI	E	SMR	95% CI
1989	-	0.12	-	-	0.11	-	-
1990	-	0.14	-	-	0.13	-	-
1991	-	0.16	-	-	0.15	-	-
1992	-	0.22	-	-	0.19	-	-
1993	-	0.26	-	-	0.23	-	-
1994	-	0.33	-	-	0.31	-	-
1995	-	0.44	-	-	0.43	-	-
1996	-	0.58	-	-	0.55	-	-
1997	1	0.73	1.37	0.03-7.62	0.69	1.45	0.04-8.06
1998	-	0.89	-	-	0.85	-	-
1999	-	1.06	-	-	1.03	-	-
2000	2	1.20	1.67	0.20-6.03	1.26	1.59	0.19-5.75
2001	2	1.74	1.15	0.14-4.16	1.71	1.17	0.14-4.23
2002	3	2.12	1.41	0.29-4.12	2.28	1.32	0.27-3.84
2003	5	2.87	1.74	0.57-4.06	3.01	1.66	0.54-3.87
2004	6	3.55	1.69	0.55-3.69	3.73	1.61	0.53-3.51
2005	7	3.73	1.88	0.75-3.86	3.86	1.81	0.73-3.73
2006	4	4.16	0.96	0.26-2.46	4.31	0.93	0.25-2.38
2007	10	4.15	2.41	1.16-4.43	4.56	2.19	1.05-4.04
2008	6	4.35	1.38	0.45-3.00	4.77	1.26	0.41-2.74
2009	9	4.36	2.06	0.95-3.92	4.88	1.84	0.84-3.50
2010	9	5.12	1.76	0.81-3.34	4.95	1.82	0.83-3.45
2011	6	4.79	1.25	0.41-2.73	4.98	1.20	0.39-2.63

<sup>1</sup>Standard rate: age-specific mortality rates of FVG for years 1989-2003 and 2006-2011, provided by the Istituto Superiore di Sanità (ISS); <sup>2</sup>Standard rate: age-specific mortality rates of Italy for years 1989-2003 and 2006-2011, provided by the Istituto Superiore di Sanità (ISS). \*Follow Up Period: 1989 – 2011. Cohort included 2,488 subjects, for 26,415.77 total person-years.

**Supplemental Table 5.** Number of observed deaths since first surveillance enrollment, by months, for all causes of death, lung cancer and malignant neoplasm of the pleura

<b>Months since surveillance enrollment (N) by cause of death</b>	<b>N. of Obs. deaths (%)</b>	<b>Cumulative freq. (%)</b>
<b>All cause of death</b>		
≤12	22 (5.67)	22 (5.67)
13 - 24	24 (6.19)	46 (11.86)
25 - 36	25 (6.44)	71 (18.30)
37 - 48	43 (11.08)	114 (29.38)
49 - 60	30 (7.73)	144 (37.11)
60+	244 (62.89)	388 (100.00)
<b>All cancers</b>		
≤12	8 (4.42)	8 (1.43)
13 - 24	12 (6.63)	20 (8.57)
25 - 36	11 (6.08)	31 (17.13)
37 - 48	20 (11.05)	51 (28.18)
49 - 60	13 (7.18)	64 (35.36)
60+	117 (64.64)	181 (100.00)
<b>Lung cancer</b>		
≤12	1 (1.43)	1 (1.43)
13 - 24	5 (7.14)	6 (8.57)
25 - 36	-	-
37 - 48	11 (15.71)	17 (24.29)
49 - 60	6 (8.57)	23 (32.86)
60+	47 (67.14)	70 (100.00)
<b>Malignant neoplasm of pleura</b>		
≤12	2 (8.00)	2 (8.00)
13 - 24	2 (8.00)	4 (16.00)
25 - 36	2 (8.00)	6 (24.00)
37 - 48	4 (16.00)	10 (40.00)
49 - 60	2 (8.00)	12 (48.00)
60+	13 (52.00)	25 (100.00)