

Bologna Ospedale Sant'Orsola Data Manual

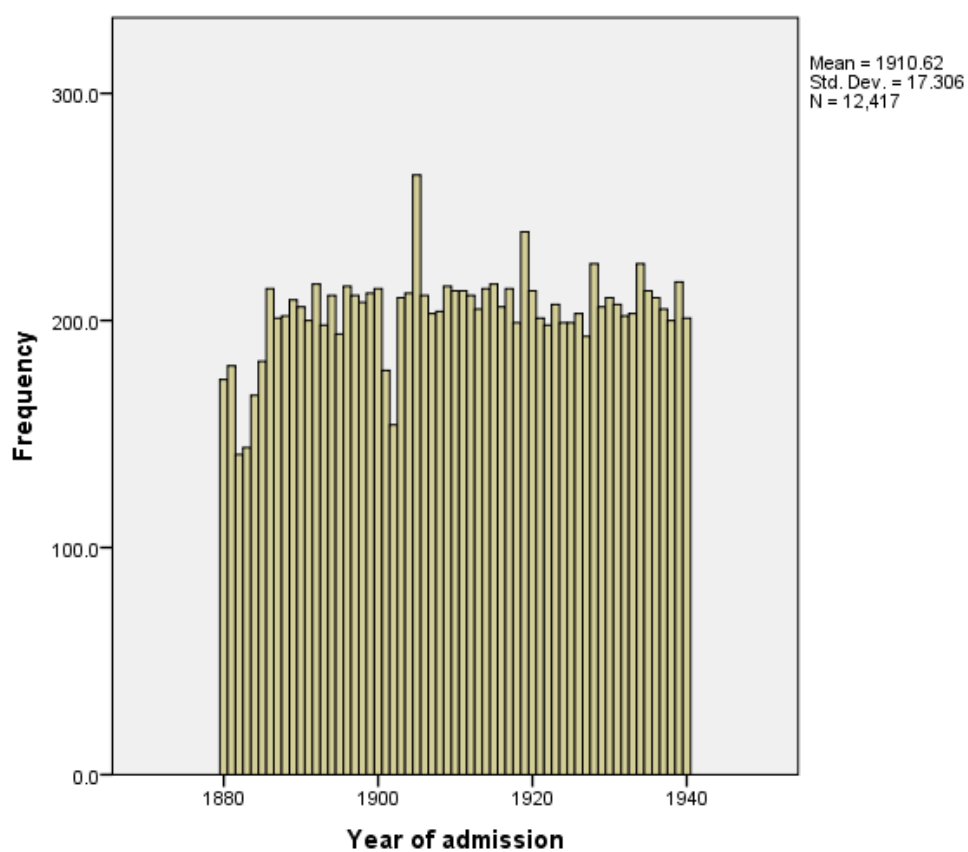
The data manual provides you with a description of data embedded in Bologna Ospedale Sant' Orsola Database. All continuous variables are described by calculating mean, standard deviation, minimum, maximum, mode, etc. In addition a histogram is plotted. For categorical variables a frequency table and a bar chart or pie chart is drawn.

Limitations: Some of the coding attached to labels was missing. For example, the variable "Health at admission" has unidentified codes. Researcher can delete and replace these variables with a missing code. It was decided to leave this value as it is, not to interfere with the integrity of the data. From the top of the file up to variable entitled "occupational category", coding issues persists. The description of variables with coding issue is not given in this document.

The lower part of the file contains the same variables as the upper part. Important conditions such as maternal death, fetal malformation, and premature birth have separate variables. Frequencies of these variables are provided in Data Manual.

	Year of admission			
	Frequency	Percent	Valid Percent	Cumulative Percent
1880	174	1.4	1.4	1.4
1881	180	1.4	1.4	2.9
1882	141	1.1	1.1	4.0
1883	144	1.2	1.2	5.1
1884	167	1.3	1.3	6.5
1885	182	1.5	1.5	8.0
1886	214	1.7	1.7	9.7
1887	201	1.6	1.6	11.3
1888	202	1.6	1.6	12.9
1889	209	1.7	1.7	14.6
1890	206	1.7	1.7	16.3
1891	200	1.6	1.6	17.9
1892	216	1.7	1.7	19.6
1893	198	1.6	1.6	21.2
1894	211	1.7	1.7	22.9
1895	194	1.6	1.6	24.5
1896	215	1.7	1.7	26.2
1897	211	1.7	1.7	27.9
1898	208	1.7	1.7	29.6
1899	212	1.7	1.7	31.3
1900	214	1.7	1.7	33.0
1901	178	1.4	1.4	34.4
1902	154	1.2	1.2	35.7
1903	210	1.7	1.7	37.4
1904	212	1.7	1.7	39.1
1905	264	2.1	2.1	41.2
1906	211	1.7	1.7	42.9
1907	203	1.6	1.6	44.5
1908	204	1.6	1.6	46.2
1909	215	1.7	1.7	47.9
1910	213	1.7	1.7	49.6
1911	213	1.7	1.7	51.3
1912	211	1.7	1.7	53.0
1913	205	1.7	1.7	54.7
1914	214	1.7	1.7	56.4
1915	216	1.7	1.7	58.2
1916	206	1.7	1.7	59.8
1917	214	1.7	1.7	61.5
1918	199	1.6	1.6	63.1
1919	239	1.9	1.9	65.1
1920	213	1.7	1.7	66.8
1921	201	1.6	1.6	68.4

Year of admission				
	Frequency	Percent	Valid Percent	Cumulative Percent
1922	198	1.6	1.6	70.0
1923	207	1.7	1.7	71.7
1924	199	1.6	1.6	73.3
1925	199	1.6	1.6	74.9
1926	203	1.6	1.6	76.5
1927	193	1.6	1.6	78.1
1928	225	1.8	1.8	79.9
1929	206	1.7	1.7	81.5
1930	210	1.7	1.7	83.2
1931	207	1.7	1.7	84.9
1932	202	1.6	1.6	86.5
1933	203	1.6	1.6	88.2
1934	225	1.8	1.8	90.0
1935	213	1.7	1.7	91.7
1936	210	1.7	1.7	93.4
1937	205	1.7	1.7	95.0
1938	200	1.6	1.6	96.6
1939	217	1.7	1.7	98.4
1940	201	1.6	1.6	100.0
Total	12417	100.0	100.0	

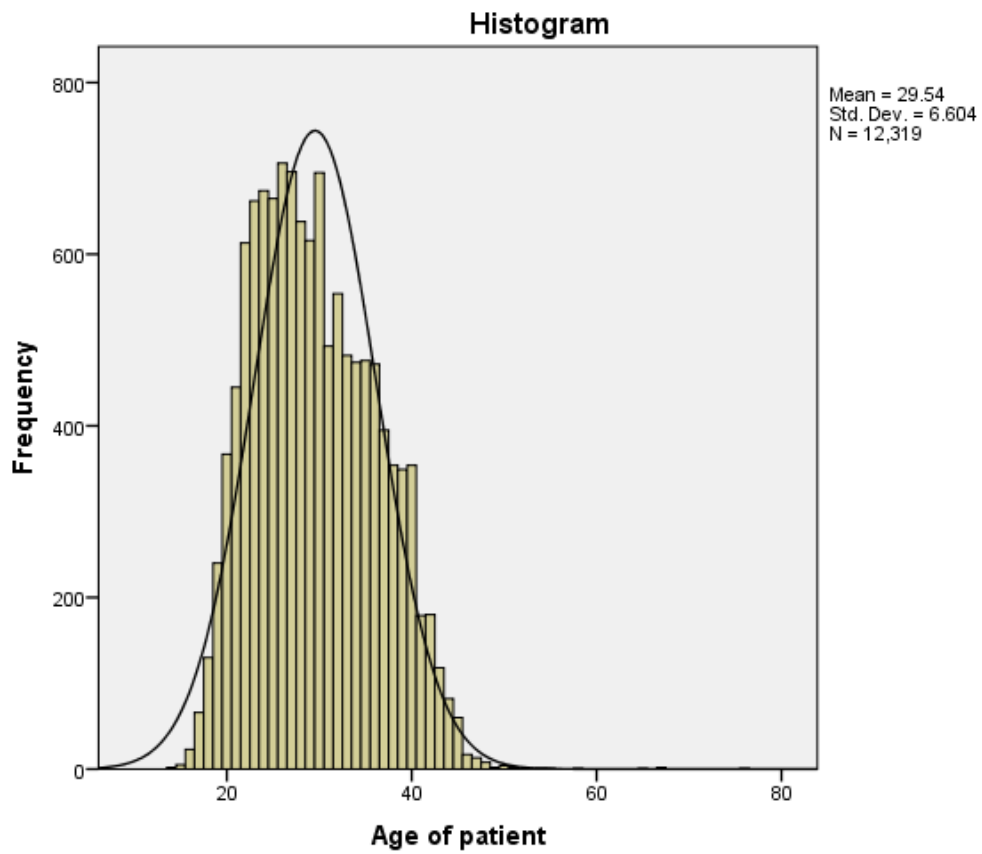


Statistics
Age of patient

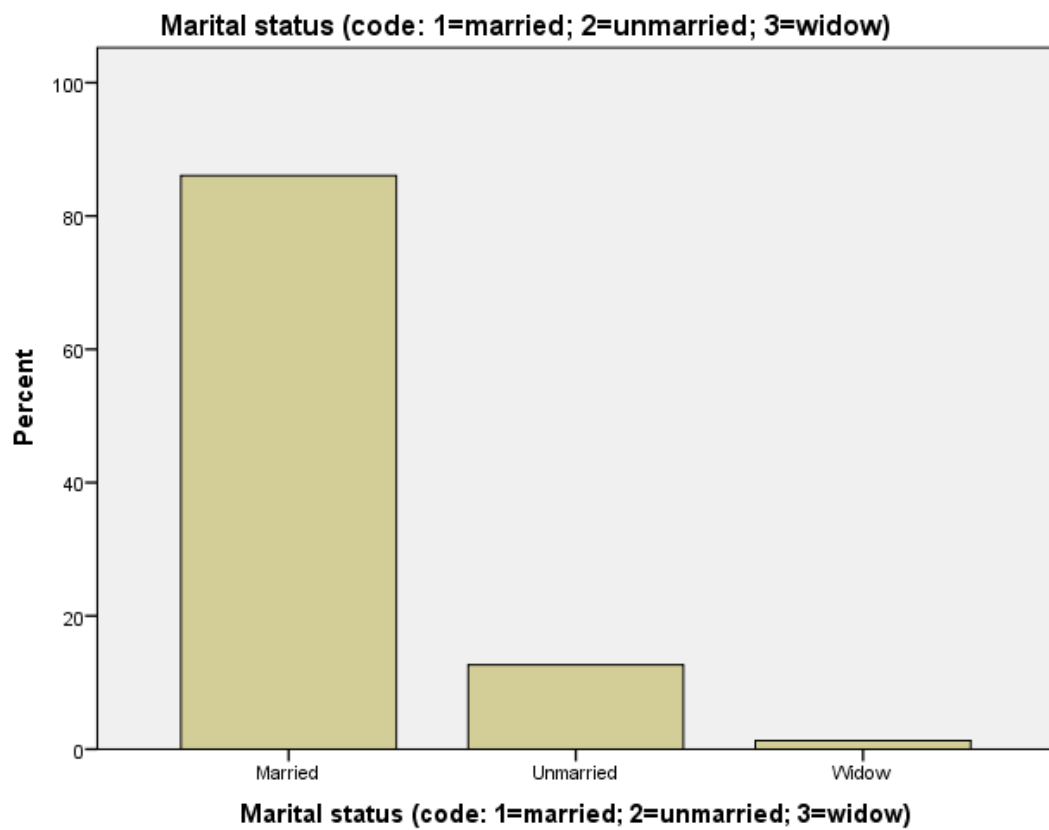
N	Valid Missing	12319 98
Mean		29.54
Median		29.00
Mode		26
Std. Deviation		6.604
Skewness		.382
Std. Error of Skewness		.022
Kurtosis		-.257
Std. Error of Kurtosis		.044
Minimum		14
Maximum		76
Percentiles	25	24.00
	50	29.00
	75	34.00

Age of patient					
		Frequency	Percent	Valid Percent	Cumulative Percent
	14	2	.0	.0	.0
	15	5	.0	.0	.1
	16	23	.2	.2	.2
	17	66	.5	.5	.8
	18	130	1.0	1.1	1.8
	19	240	1.9	1.9	3.8
	20	367	3.0	3.0	6.8
	21	445	3.6	3.6	10.4
	22	613	4.9	5.0	15.4
	23	662	5.3	5.4	20.7
	24	674	5.4	5.5	26.2
	25	665	5.4	5.4	31.6
	26	706	5.7	5.7	37.3
	27	696	5.6	5.6	43.0
	28	638	5.1	5.2	48.2
	29	616	5.0	5.0	53.2
	30	695	5.6	5.6	58.8
	31	493	4.0	4.0	62.8
	32	554	4.5	4.5	67.3
	33	482	3.9	3.9	71.2
	34	474	3.8	3.8	75.1
	35	476	3.8	3.9	78.9
	36	472	3.8	3.8	82.8
	37	395	3.2	3.2	86.0
	38	354	2.9	2.9	88.8
	39	349	2.8	2.8	91.7
	40	354	2.9	2.9	94.5
	41	179	1.4	1.5	96.0
	42	180	1.4	1.5	97.5
	43	118	1.0	1.0	98.4
	44	82	.7	.7	99.1
	45	60	.5	.5	99.6
	46	17	.1	.1	99.7
	47	13	.1	.1	99.8
	48	8	.1	.1	99.9
	49	2	.0	.0	99.9
	50	4	.0	.0	99.9
	51	2	.0	.0	99.9
	52	1	.0	.0	99.9
	54	1	.0	.0	100.0
	55	1	.0	.0	100.0
	58	1	.0	.0	100.0

Age of patient					
		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	65	1	.0	.0	100.0
	67	2	.0	.0	100.0
	76	1	.0	.0	100.0
	Total	12319	99.2	100.0	
Missing	System	98	.8		
Total		12417	100.0		



Marital status (code: 1=married; 2=unmarried; 3=widow)					
		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	Married	10593	85.3	86.1	86.1
	Unmarried	1557	12.5	12.7	98.7
	Widow	158	1.3	1.3	100.0
	Total	12308	99.1	100.0	
Missing	System	109	.9		
Total		12417	100.0		



Region of residence (code)					
		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	Abruzzo	5	.0	.0	.0
	Campania	1	.0	.0	.0
	Emilia-Romagna	11936	96.1	99.3	99.3
	Friuli-Venezia Giulia	7	.1	.1	99.4
	Lazio	5	.0	.0	99.4
	Liguria	2	.0	.0	99.4
	Lombardia	13	.1	.1	99.5
	Marche	12	.1	.1	99.6
	Piemonte	4	.0	.0	99.7
	Puglia	7	.1	.1	99.7
	Toscana	5	.0	.0	99.8
	Veneto	9	.1	.1	99.8
	Foreign country	4	.0	.0	99.9
	Unknown/missing	15	.1	.1	100.0
	Total	12025	96.8	100.0	
Missing	System	392	3.2		
Total		12417	100.0		

Statistics

		Month of admission	Day of discharge	Month of discharge
N	Valid	12220	11763	11804
	Missing	197	654	613

Month of admission					
		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	1	1102	8.9	9.0	9.0
	2	1010	8.1	8.3	17.3
	3	1081	8.7	8.8	26.1
	4	1010	8.1	8.3	34.4
	5	1048	8.4	8.6	43.0
	6	930	7.5	7.6	50.6
	7	1004	8.1	8.2	58.8
	8	1039	8.4	8.5	67.3
	9	979	7.9	8.0	75.3
	10	1007	8.1	8.2	83.6
	11	995	8.0	8.1	91.7
	12	1015	8.2	8.3	100.0
	Total	12220	98.4	100.0	
Missing	System	197	1.6		
Total		12417	100.0		

Day of discharge					
		Frequency	Percent	Valid Percent	Cumulative Percent
	1	382	3.1	3.2	3.2
	2	407	3.3	3.5	6.7
	3	383	3.1	3.3	10.0
	4	375	3.0	3.2	13.2
	5	382	3.1	3.2	16.4
	6	411	3.3	3.5	19.9
	7	383	3.1	3.3	23.1
	8	401	3.2	3.4	26.6
	9	372	3.0	3.2	29.7
	10	372	3.0	3.2	32.9
	11	409	3.3	3.5	36.4
	12	394	3.2	3.3	39.7
	13	385	3.1	3.3	43.0
	14	360	2.9	3.1	46.0
	15	378	3.0	3.2	49.3
	16	392	3.2	3.3	52.6
	17	346	2.8	2.9	55.5
	18	384	3.1	3.3	58.8
	19	374	3.0	3.2	62.0
	20	379	3.1	3.2	65.2
	21	417	3.4	3.5	68.7
	22	382	3.1	3.2	72.0
	23	400	3.2	3.4	75.4
	24	374	3.0	3.2	78.6
	25	354	2.9	3.0	81.6
	26	390	3.1	3.3	84.9
	27	389	3.1	3.3	88.2
	28	388	3.1	3.3	91.5
	29	403	3.2	3.4	94.9
	30	355	2.9	3.0	97.9
	31	242	1.9	2.1	100.0
	Total	11763	94.7	100.0	
Missing	System	654	5.3		
Total		12417	100.0		

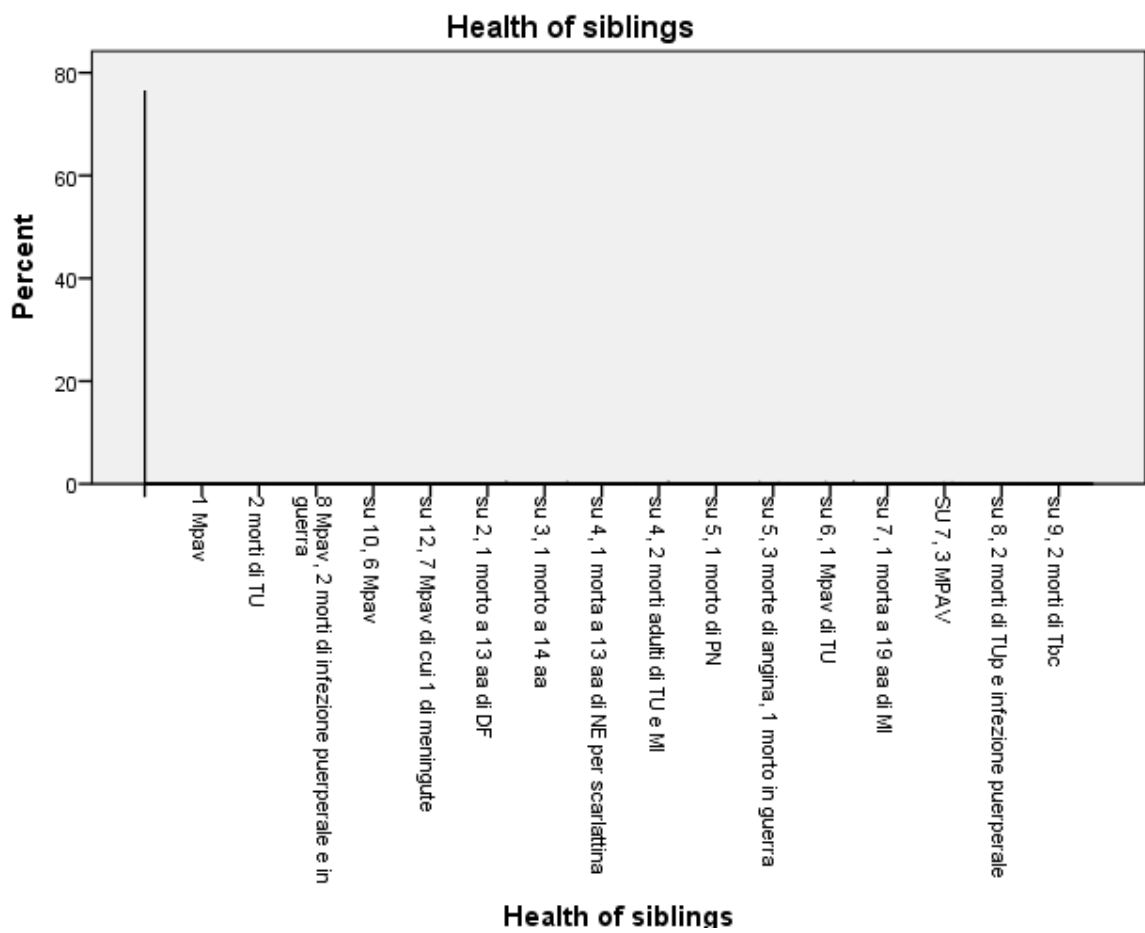
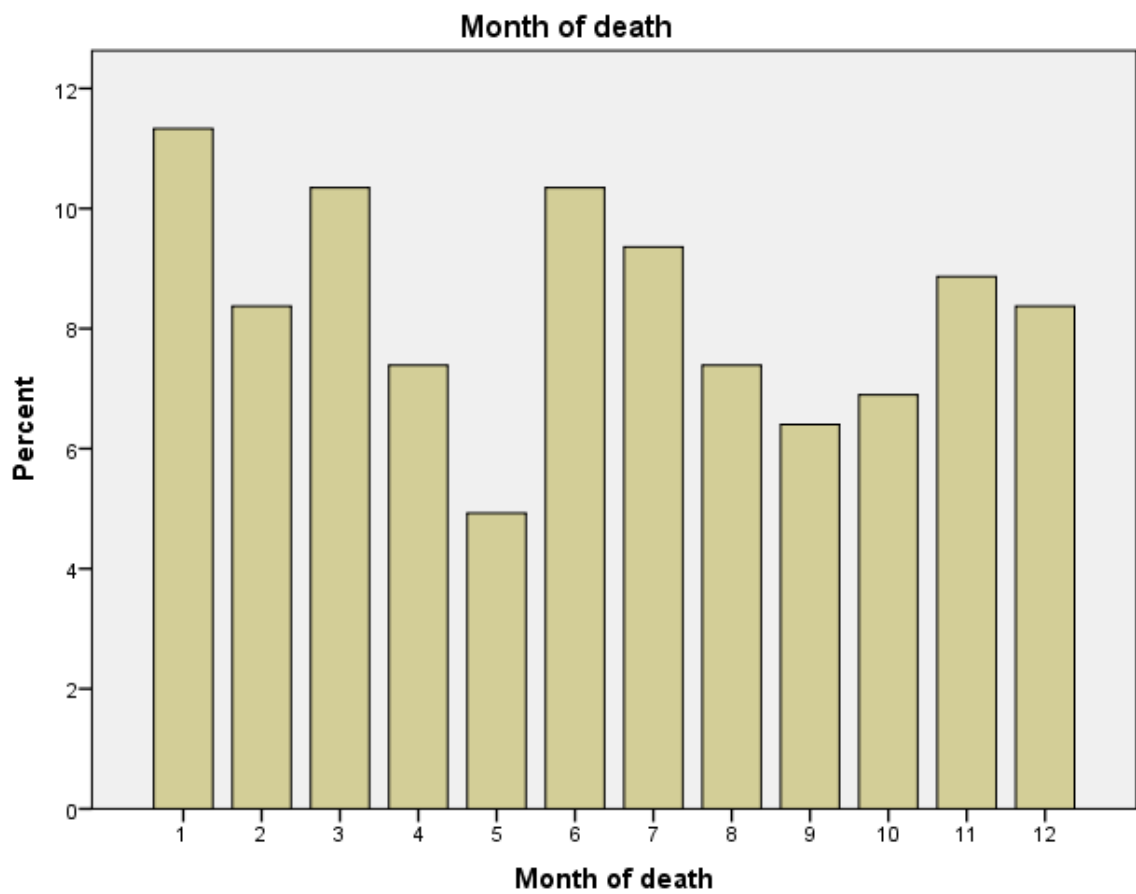
Month of discharge					
		Frequency	Percent	Valid Percent	Cumulative Percent
	1	986	7.9	8.4	8.4
	2	972	7.8	8.2	16.6
	3	1044	8.4	8.8	25.4
	4	1012	8.2	8.6	34.0
	5	1023	8.2	8.7	42.7
	6	929	7.5	7.9	50.5
	7	996	8.0	8.4	59.0
	8	1010	8.1	8.6	67.5
	9	942	7.6	8.0	75.5
	10	1017	8.2	8.6	84.1
	11	877	7.1	7.4	91.6
	12	996	8.0	8.4	100.0
	Total	11804	95.1	100.0	
Missing	System	613	4.9		
Total		12417	100.0		

Day of death					
		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	1	8	.1	4.0	4.0
	2	7	.1	3.5	7.4
	3	4	.0	2.0	9.4
	4	6	.0	3.0	12.4
	5	6	.0	3.0	15.3
	6	11	.1	5.4	20.8
	7	7	.1	3.5	24.3
	8	11	.1	5.4	29.7
	9	8	.1	4.0	33.7
	10	8	.1	4.0	37.6
	11	10	.1	5.0	42.6
	12	8	.1	4.0	46.5
	13	9	.1	4.5	51.0
	14	7	.1	3.5	54.5
	15	6	.0	3.0	57.4
	16	7	.1	3.5	60.9
	17	5	.0	2.5	63.4
	18	12	.1	5.9	69.3
	19	6	.0	3.0	72.3
	20	3	.0	1.5	73.8
	21	7	.1	3.5	77.2
	22	4	.0	2.0	79.2
	23	4	.0	2.0	81.2
	24	5	.0	2.5	83.7
	25	3	.0	1.5	85.1
	26	4	.0	2.0	87.1
	27	4	.0	2.0	89.1
	28	10	.1	5.0	94.1
	29	3	.0	1.5	95.5
	30	4	.0	2.0	97.5
	31	5	.0	2.5	100.0
	Total	202	1.6	100.0	
Missing	System	12215	98.4		
Total		12417	100.0		

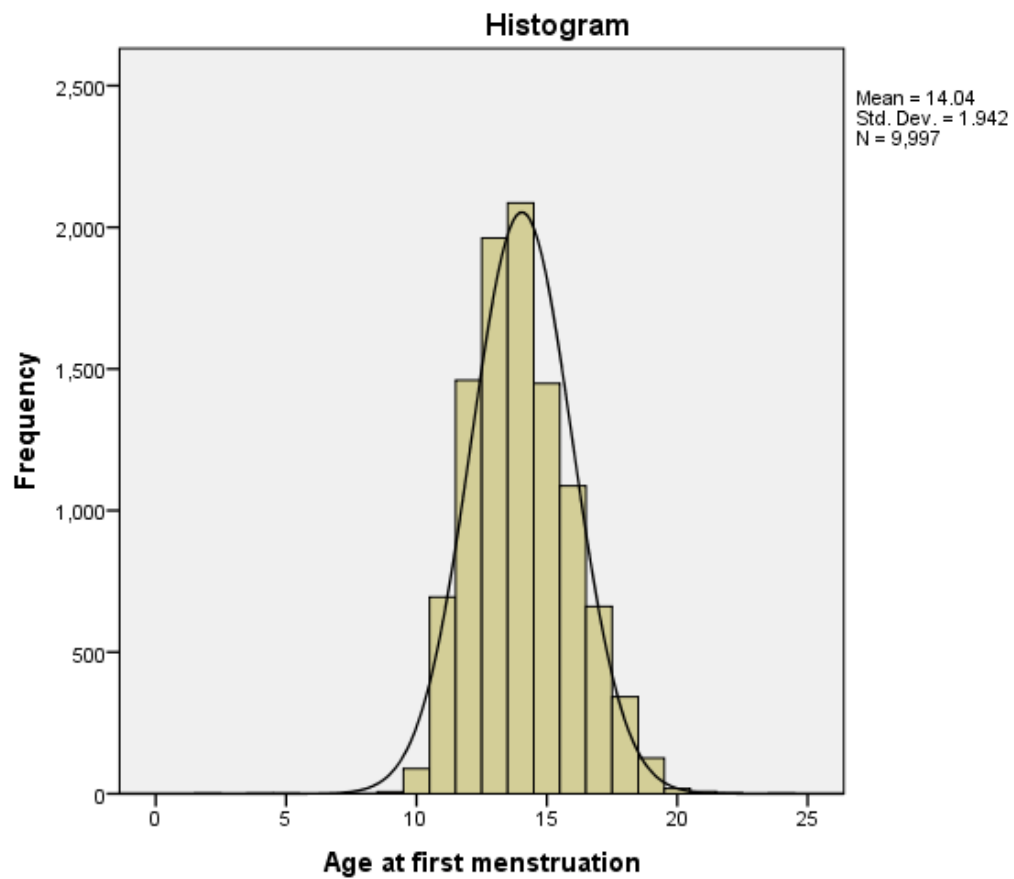
Month of death					
		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	1	23	.2	11.3	11.3
	2	17	.1	8.4	19.7
	3	21	.2	10.3	30.0
	4	15	.1	7.4	37.4
	5	10	.1	4.9	42.4
	6	21	.2	10.3	52.7
	7	19	.2	9.4	62.1
	8	15	.1	7.4	69.5
	9	13	.1	6.4	75.9
	10	14	.1	6.9	82.8
	11	18	.1	8.9	91.6
	12	17	.1	8.4	100.0
	Total	203	1.6	100.0	
Missing	System	12214	98.4		
Total		12417	100.0		

Bar Chart





Statistics		
Age at first menstruation		
N	Valid	9997
	Missing	2420
Mean		14.04
Median		14.00
Mode		14
Std. Deviation		1.942
Skewness		.376
Std. Error of Skewness		.024
Kurtosis		.138
Std. Error of Kurtosis		.049
Minimum		2
Maximum		24



Occupation

Occupational category		Count	Column N %
	labourer	1639	13.2%
	skilled	122	1.0%
	domestic	4641	37.4%
	comm,clerk,small bus	182	1.5%
	misc,unknown	458	3.7%
	unempl	0	0.0%
	housewife	4760	38.3%
	foodhandling	592	4.8%
	prostitute	23	0.2%

		Count	Column N %
Forceps delivery	N	11828	95.3%
	Y	589	4.7%
Caesarian section	N	12346	99.4%
	Y	71	0.6%
Abnormal fetal presentation	N	12275	98.9%
	Y	142	1.1%
Breech fetal presentation	N	12156	97.9%
	Y	261	2.1%
Fetal version during delivery	N	12342	99.4%
	Y	75	0.6%
Placental irregularity	N	12252	98.7%
	Y	165	1.3%
Prolapse of umbilical cord	N	12363	99.6%
	Y	54	0.4%
Umbilical cord wound around fetus	N	11704	94.3%
	Y	713	5.7%
Umbilical cord injury	N	12380	99.7%
	Y	37	0.3%
Maternal death	N	12281	98.9%
	Y	136	1.1%
Fetal malformation	N	12344	99.4%
	Y	73	0.6%
Premature birth	N	12018	96.8%
	Y	399	3.2%
Induced birth	N	12287	99.0%
	Y	130	1.0%
Difficult labour	N	12339	99.4%
	Y	78	0.6%
Fetal distress	N	12309	99.1%
	Y	108	0.9%
Birth outside the hospital	N	12151	97.9%
	Y	266	2.1%
Puerperal sepsis	N	12379	99.7%
	Y	38	0.3%
Unspecified complications surrounding birth	N	12365	99.6%
	Y	52	0.4%
Pulmonary tuberculosis	N	12357	99.5%
	Y	60	0.5%
Other tuberculosis	N	12404	99.9%
	Y	13	0.1%
Other pulmonary disorder	N	11830	95.3%
	Y	587	4.7%

		Count	Column N %
Cardiovascular problem	N	12192	98.2%
	Y	225	1.8%
Non communicable infection	N	12022	96.8%
	Y	395	3.2%
Venereal disease	N	12175	98.1%
	Y	242	1.9%
Convulsions	N	12346	99.4%
	Y	71	0.6%
Malnutrition	N	12235	98.5%
	Y	182	1.5%
Cancer	N	12391	99.8%
	Y	26	0.2%
Infectious disease	N	12265	98.8%
	Y	152	1.2%
Eclampsia	N	12350	99.5%
	Y	67	0.5%
Haemorrhage	N	11033	88.9%
	Y	1384	11.1%
Liver disorder	N	12402	99.9%
	Y	15	0.1%
Miscellaneous abdominal problems	N	12194	98.2%
	Y	223	1.8%
Albuminuria	N	12253	98.7%
	Y	164	1.3%
Andmia	N	12136	97.7%
	Y	281	2.3%
Vaginal anatomical problem	N	12390	99.8%
	Y	27	0.2%
Vaginal infection	N	12153	97.9%
	Y	264	2.1%
Uterine, ovarian anatomical problem	N	12283	98.9%
	Y	134	1.1%
Uterine, ovarian infection	N	12187	98.1%
	Y	230	1.9%
Uterine bleeding	N	11696	94.2%
	Y	721	5.8%
Genital infection	N	12354	99.5%
	Y	63	0.5%
Oedema, swelling	N	11527	92.8%
	Y	890	7.2%
Rickets	N	12359	99.5%
	Y	58	0.5%

		Count	Column N %
Bone disorder	N	12406	99.9%
	Y	11	0.1%
Accident	N	12363	99.6%
	Y	54	0.4%
Skin disorder	N	12374	99.7%
	Y	43	0.3%
Small, deformed pelvis	N	12076	97.3%
	Y	341	2.7%
Headache	N	12343	99.4%
	Y	74	0.6%
Weak, poor health	N	12208	98.3%
	Y	209	1.7%
Non infectious preineal problem	N	12403	99.9%
	Y	14	0.1%
Back pain	N	12345	99.4%
	Y	72	0.6%
Amneotic fluid problem	N	12347	99.4%
	Y	70	0.6%
Glandular problem	N	12396	99.8%
	Y	21	0.2%
Nose, mouth problems	N	12403	99.9%
	Y	14	0.1%
Benign tumor	N	12397	99.8%
	Y	20	0.2%
History of pulmonary tuberculosis	N	12398	99.8%
	Y	19	0.2%
History of non pulmonary tuberculosis	N	12372	99.6%
	Y	45	0.4%
History of non tubercular pulmonary disease	N	11144	89.7%
	Y	1273	10.3%
History of renal disease	N	12259	98.7%
	Y	158	1.3%
History of cardiac disease	N	12243	98.6%
	Y	174	1.4%
History of non communicable infectious disease	N	11754	94.7%
	Y	663	5.3%
History of venereal disease	N	12296	99.0%
	Y	121	1.0%
History of convulsions	N	12340	99.4%
	Y	77	0.6%
History of infectious disease	N	8502	68.5%
	Y	3915	31.5%

		Count	Column N %
History of hemorrhage	N	12373	99.6%
	Y	44	0.4%
History of liver disorder	N	12360	99.5%
	Y	57	0.5%
History of abdominal disorder	N	12019	96.8%
	Y	398	3.2%
History of brain disease	N	12412	100.0%
	Y	5	0.0%
History of anemia	N	11888	95.7%
	Y	529	4.3%
History of vaginal infection	N	12383	99.7%
	Y	34	0.3%
History of uterine anatomical problems	N	12358	99.5%
	Y	59	0.5%
History of uterine infection	N	12280	98.9%
	Y	137	1.1%
History of rickets	N	12241	98.6%
	Y	176	1.4%
History of malnutrition	N	12294	99.0%
	Y	123	1.0%
History of nervous disorder	N	12380	99.7%
	Y	37	0.3%
History of accidents	N	12362	99.6%
	Y	55	0.4%
History of skin disease	N	12333	99.3%
	Y	84	0.7%
History of headache, fainting, etc.	N	12367	99.6%
	Y	50	0.4%
History of weakness, poor health	N	11912	95.9%
	Y	505	4.1%
History of gland disorder	N	12339	99.4%
	Y	78	0.6%
History of mouth and nose disorders	N	12390	99.8%
	Y	27	0.2%
History of deformity	N	12334	99.3%
	Y	83	0.7%
History of ear disorders	N	12395	99.8%
	Y	22	0.2%
History of breast disease	N	12398	99.8%
	Y	19	0.2%
History of cancer	N	12377	99.7%
	Y	40	0.3%
Has received smallpox vaccination	N	11817	95.2%
	Y	600	4.8%

		Count	Column N %
History of multiple births	N	12210	98.3%
	Y	207	1.7%
History of abortions	N	10310	83.0%
	Y	2107	17.0%
History of stillbirths	N	11951	96.2%
	Y	466	3.8%
History of prematurity	N	11991	96.6%
	Y	426	3.4%
History of neonatal death	N	11930	96.1%
	Y	487	3.9%
History of newborn death 1st month	N	12073	97.2%
	Y	344	2.8%
History of 1st year death	N	11911	95.9%
	Y	506	4.1%
History of forceps delivery	N	12391	99.8%
	Y	26	0.2%