

Obs	year	month	gender	age	ICD10	death
1	2010	1	F	65	200	0
2	2010	1	F	66	200	452
3	2010	1	F	67	200	282
4	2010	1	F	68	200	5
5	2010	1	F	69	200	1
6	2010	1	F	70	200	1621
7	2010	1	F	71	200	634
8	2010	1	F	72	200	0
9	2010	1	F	73	200	58
10	2010	1	F	74	200	112

Obs	year	month	gender	age	ICD10	death
1	2015	1	F	65	200	0
2	2015	1	F	66	200	436
3	2015	1	F	67	200	283
4	2015	1	F	68	200	5
5	2015	1	F	69	200	1
6	2015	1	F	70	200	2216
7	2015	1	F	71	200	745
8	2015	1	F	72	200	0
9	2015	1	F	73	200	63
10	2015	1	F	74	200	169

Death by Year

The MEANS Procedure

Analysis Variable : death		
year	N Obs	Sum
2010	5544	1804954.00
2011	5544	1839193.00
2012	5544	1865087.00
2013	5544	1911528.00
2014	5544	1928565.00
2015	5544	1998724.00

Mean and STD by Month

The MEANS Procedure

Analysis Variable : death			
month	N Obs	Mean	Std Dev
1	2772	391.3567821	2605.48
2	2772	342.8556999	2292.58
3	2772	366.1821789	2447.75
4	2772	338.0165945	2269.97
5	2772	334.7745310	2255.93
6	2772	314.5638528	2120.91
7	2772	321.4718615	2175.93
8	2772	320.2247475	2164.77
9	2772	315.3585859	2128.94
10	2772	338.6168831	2284.99
11	2772	339.8528139	2286.06
12	2772	370.5389610	2480.25

Mean and STD by Month

The MEANS Procedure

gender=F

Analysis Variable : death	
	Sum
	7970226.00

gender=M

Analysis Variable : death	
	Sum
	3377825.00

Mean and STD by Month

The FREQ Procedure

year	Frequency	Percent	Cumulative Frequency	Cumulative Percent
2010	5544	16.67	5544	16.67
2011	5544	16.67	11088	33.33
2012	5544	16.67	16632	50.00
2013	5544	16.67	22176	66.67
2014	5544	16.67	27720	83.33
2015	5544	16.67	33264	100.00

Mean and STD by Month

The FREQ Procedure

gender	Frequency	Percent	Cumulative Frequency	Cumulative Percent
F	16632	50.00	16632	50.00
M	16632	50.00	33264	100.00

Mean and STD by Month

The FREQ Procedure

Frequency Percent Row Pct Col Pct		Table of gender by month														
		gender	month												Total	
			1	2	3	4	5	6	7	8	9	10	11	12		
F	1386	1386	1386	1386	1386	1386	1386	1386	1386	1386	1386	1386	1386	1386	16632	50.00
	4.17	4.17	4.17	4.17	4.17	4.17	4.17	4.17	4.17	4.17	4.17	4.17	4.17	4.17	4.17	
	8.33	8.33	8.33	8.33	8.33	8.33	8.33	8.33	8.33	8.33	8.33	8.33	8.33	8.33	8.33	
	50.00	50.00	50.00	50.00	50.00	50.00	50.00	50.00	50.00	50.00	50.00	50.00	50.00	50.00	50.00	
M	1386	1386	1386	1386	1386	1386	1386	1386	1386	1386	1386	1386	1386	1386	16632	50.00
	4.17	4.17	4.17	4.17	4.17	4.17	4.17	4.17	4.17	4.17	4.17	4.17	4.17	4.17	4.17	
	8.33	8.33	8.33	8.33	8.33	8.33	8.33	8.33	8.33	8.33	8.33	8.33	8.33	8.33	8.33	
	50.00	50.00	50.00	50.00	50.00	50.00	50.00	50.00	50.00	50.00	50.00	50.00	50.00	50.00	50.00	
Total	2772	2772	2772	2772	2772	2772	2772	2772	2772	2772	2772	2772	2772	2772	33264	100.00
	8.33	8.33	8.33	8.33	8.33	8.33	8.33	8.33	8.33	8.33	8.33	8.33	8.33	8.33	8.33	

Mean and STD by Month

year 2010

Death	month																			
	1		2		3		4		5		6		7		8		9		10	
	death		death		death		death		death		death		death		death		death		death	
	Mean	Sum	Mean	Sum	Mean	Sum	Mean	Sum	Mean	Sum	Mean	Sum	Mean	Sum	Mean	Sum	Mean	Sum	Mean	Sum
gender																				
F	508.55	117475.00	456.77	105513.00	495.90	114554.00	456.38	105424.00	459.76	106204.00	431.87	99761.00	443.10	102356.00	438.70	101339.00	434.61	100396.00	466.63	107791.00
M	206.39	47675.00	184.54	42629.00	204.85	47320.00	183.93	42487.00	182.30	42111.00	169.65	39190.00	175.25	40483.00	174.13	40224.00	172.30	39802.00	187.43	43296.00
All	357.47	165150.00	320.65	148142.00	350.38	161874.00	320.15	147911.00	321.03	148315.00	300.76	138951.00	309.18	142839.00	306.41	141563.00	303.46	140198.00	327.03	151087.00

Mean and STD by Month

year 2011

Death	month																			
	1		2		3		4		5		6		7		8		9		10	
	death		death		death		death		death		death		death		death		death		death	
gender	Mean	Sum	Mean	Sum	Mean	Sum	Mean	Sum	Mean	Sum	Mean	Sum	Mean	Sum	Mean	Sum	Mean	Sum	Mean	Sum
F	528.70	122129.00	475.69	109885.00	502.17	116001.00	464.02	107189.00	461.84	106685.00	436.92	100929.00	445.18	102836.00	443.71	102497.00	433.26	100083.00	463.17	106992.00
M	224.34	51823.00	203.77	47072.00	217.40	50220.00	197.23	45561.00	194.12	44841.00	181.32	41886.00	182.20	42089.00	180.91	41791.00	177.60	41026.00	193.46	44690.00
All	376.52	173952.00	339.73	156957.00	359.79	166221.00	330.63	152750.00	327.98	151526.00	309.12	142815.00	313.69	144925.00	312.31	144288.00	305.43	141109.00	328.32	151682.00

Mean and STD by Month

year 2012

Death	month																			
	1		2		3		4		5		6		7		8		9		10	
	death		death		death		death		death		death		death		death		death		death	
	Mean	Sum	Mean	Sum	Mean	Sum	Mean	Sum	Mean	Sum	Mean	Sum	Mean	Sum	Mean	Sum	Mean	Sum	Mean	Sum
gender																				
F	505.94	116871.00	466.63	107791.00	493.35	113963.00	462.71	106885.00	459.65	106178.00	437.03	100953.00	446.33	103103.00	449.97	103942.00	443.65	102482.00	475.03	109733.00
M	219.04	50599.00	204.05	47136.00	216.55	50023.00	199.47	46077.00	195.74	45216.00	185.10	42757.00	188.58	43563.00	190.19	43934.00	189.03	43665.00	204.52	47244.00
All	362.49	167470.00	335.34	154927.00	354.95	163986.00	331.09	152962.00	327.69	151394.00	311.06	143710.00	317.46	146666.00	320.08	147876.00	316.34	146147.00	339.78	156977.00

Mean and STD by Month

year 2013

Death	month																			
	1		2		3		4		5		6		7		8		9		10	
	death		death		death		death		death		death		death		death		death		death	
	Mean	Sum	Mean	Sum	Mean	Sum	Mean	Sum	Mean	Sum	Mean	Sum	Mean	Sum	Mean	Sum	Mean	Sum	Mean	Sum
gender																				
F	587.36	135680.00	484.90	112011.00	515.21	119013.00	469.86	108538.00	461.95	106710.00	438.45	101281.00	448.27	103550.00	451.69	104340.00	440.37	101726.00	472.99	109260.00
M	273.62	63206.00	221.95	51271.00	234.61	54195.00	213.96	49424.00	203.63	47039.00	187.25	43255.00	189.73	43828.00	189.27	43722.00	185.74	42906.00	199.33	46045.00
All	430.49	198886.00	353.42	163282.00	374.91	173208.00	341.91	157962.00	332.79	153749.00	312.85	144536.00	319.00	147378.00	320.48	148062.00	313.06	144632.00	336.16	155305.00

Mean and STD by Month

year 2014

Death	month																			
	1		2		3		4		5		6		7		8		9		10	
	death		death		death		death		death		death		death		death		death		death	
	Mean	Sum	Mean	Sum	Mean	Sum	Mean	Sum	Mean	Sum	Mean	Sum	Mean	Sum	Mean	Sum	Mean	Sum	Mean	Sum
gender																				
F	533.48	123233.00	468.85	108304.00	508.62	117492.00	478.20	110464.00	480.92	111093.00	450.68	104106.00	461.29	106559.00	457.24	105622.00	456.52	105456.00	489.62	113102.00
M	236.90	54725.00	207.16	47855.00	222.91	51493.00	210.66	48663.00	209.39	48370.00	193.95	44802.00	197.43	45606.00	195.70	45206.00	192.12	44380.00	202.08	46680.00
All	385.19	177958.00	338.01	156159.00	365.77	168985.00	344.43	159127.00	345.16	159463.00	322.31	148908.00	329.36	152165.00	326.47	150828.00	324.32	149836.00	345.85	159782.00

Mean and STD by Month

year 2015

Death	month																			
	1		2		3		4		5		6		7		8		9		10	
	death		death		death		death		death		death		death		death		death		death	
	Mean	Sum	Mean	Sum	Mean	Sum	Mean	Sum	Mean	Sum	Mean	Sum	Mean	Sum	Mean	Sum	Mean	Sum	Mean	Sum
gender																				
F	609.04	140689.00	515.19	119010.00	544.71	125829.00	503.79	116376.00	497.85	115004.00	467.45	107980.00	483.37	111659.00	478.60	110556.00	468.61	108249.00	503.61	116335.00
M	262.93	60736.00	224.76	51919.00	237.90	54954.00	215.99	49894.00	210.15	48544.00	195.11	45071.00	196.92	45488.00	192.60	44490.00	190.49	44003.00	205.53	47478.00
All	435.98	201425.00	369.98	170929.00	391.31	180783.00	359.89	166270.00	354.00	163548.00	331.28	153051.00	340.15	157147.00	335.60	155046.00	329.55	152252.00	354.57	163813.00

Mean and STD by Month

Death		month																			
		1		2		3		4		5		6		7		8		9		10	
		death		death		death		death		death		death		death		death		death		death	
		Mean	Sum	Mean	Sum	Mean	Sum	Mean	Sum	Mean	Sum	Mean	Sum	Mean	Sum	Mean	Sum	Mean	Sum	Mean	Sum
year	gender																				
2010	F	508.55	117475.00	456.77	105513.00	495.90	114554.00	456.38	105424.00	459.76	106204.00	431.87	99761.00	443.10	102356.00	438.70	101339.00	434.61	100396.00	466.63	10779
	M	206.39	47675.00	184.54	42629.00	204.85	47320.00	183.93	42487.00	182.30	42111.00	169.65	39190.00	175.25	40483.00	174.13	40224.00	172.30	39802.00	187.43	4329
2011	F	528.70	122129.00	475.69	109885.00	502.17	116001.00	464.02	107189.00	461.84	106685.00	436.92	100929.00	445.18	102836.00	443.71	102497.00	433.26	100083.00	463.17	10699
	M	224.34	51823.00	203.77	47072.00	217.40	50220.00	197.23	45561.00	194.12	44841.00	181.32	41886.00	182.20	42089.00	180.91	41791.00	177.60	41026.00	193.46	4469
2012	F	505.94	116871.00	466.63	107791.00	493.35	113963.00	462.71	106885.00	459.65	106178.00	437.03	100953.00	446.33	103103.00	449.97	103942.00	443.65	102482.00	475.03	10973
	M	219.04	50599.00	204.05	47136.00	216.55	50023.00	199.47	46077.00	195.74	45216.00	185.10	42757.00	188.58	43563.00	190.19	43934.00	189.03	43665.00	204.52	4724
2013	F	587.36	135680.00	484.90	112011.00	515.21	119013.00	469.86	108538.00	461.95	106710.00	438.45	101281.00	448.27	103550.00	451.69	104340.00	440.37	101726.00	472.99	10926
	M	273.62	63206.00	221.95	51271.00	234.61	54195.00	213.96	49424.00	203.63	47039.00	187.25	43255.00	189.73	43828.00	189.27	43722.00	185.74	42906.00	199.33	4604
2014	F	533.48	123233.00	468.85	108304.00	508.62	117492.00	478.20	110464.00	480.92	111093.00	450.68	104106.00	461.29	106559.00	457.24	105622.00	456.52	105456.00	489.62	11310
	M	236.90	54725.00	207.16	47855.00	222.91	51493.00	210.66	48663.00	209.39	48370.00	193.95	44802.00	197.43	45606.00	195.70	45206.00	192.12	44380.00	202.08	4668
2015	F	609.04	140689.00	515.19	119010.00	544.71	125829.00	503.79	116376.00	497.85	115004.00	467.45	107980.00	483.37	111659.00	478.60	110556.00	468.61	108249.00	503.61	11633
	M	262.93	60736.00	224.76	51919.00	237.90	54954.00	215.99	49894.00	210.15	48544.00	195.11	45071.00	196.92	45488.00	192.60	44490.00	190.49	44003.00	205.53	4747

PROC REPORT

gender	month	Total Deaths	Average Deaths
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gender	month	Total Deaths	Average Deaths
F	1	756077	126012.83
	2	662514	110419
	3	706852	117808.67
	4	654876	109146
	5	651874	108645.67
	6	615010	102501.67
	7	630063	105010.5
	8	628296	104716
	9	618392	103065.33
	10	663213	110535.5
	11	663019	110503.17
	12	720040	120006.67
M	1	328764	54794
	2	287882	47980.333
	3	308205	51367.5
	4	282106	47017.667
	5	276121	46020.167
	6	256961	42826.833
	7	261057	43509.5
	8	259367	43227.833
	9	255782	42630.333
	10	275433	45905.5
	11	279053	46508.833
	12	307094	51182.333