Q1.

The MEANS Procedure

Variable	Label	N	Mean	Std Dev	Minimum	Maximum
bdate	Date of birth	6881	-11975.08	5675.40	-31594.00	14426.00
hiredate	hiredate	6881	-770.5813109	3892.12	-6774.00	14502.00
termdate	Date of last termination from Mound.	5120	-189.2703125	4423.67	-6379.00	14502.00
ddate	Date of death.	1728	5818.27	4071.57	-5662.00	11870.00
dmvdate	Activity date returned by DMV.	368	9673.20	436.4902498	8847.00	11052.00
dla	Date last alive.	6875	9479.62	3886.50	-6393.00	12235.00
seq_no	Sequence Number of Row	6881	3441.00	1986.52	1.0000000	6881.00

Obs	Oak Ridge assigned id number.	Date of birth	Sex	Education	hiredate	Date of last termination from Mound.	Date of death.	Cause of death - ICDA 8th revision.	Autopsy	Sex on death certificate.	Race on death certificate.	The city of death.	The state of death.	The county of death	Race of worker.	Submitted to Ohio DMV in 1988.	Activity date returned by DMV.	Vital status EOS 1983	Results of a 1986 SSA submission.	Date last alive.	Sequence Number of Row
1	417144	07/01/1910	0	1	11/15/1945	11/15/1945	07/01/1990	4109	0	0	W	WEST ALEXANDRIA	OH	PREBLE			.	A	A	07/01/1990	1
2	48401	07/01/1915	0	1	03/15/1948	04/15/1955	07/01/1973	4109	0	0	W	KETTERING	OH	MONTGOMERY	W		.	D	D	07/01/1973	2
3	44447	07/01/1925	1	2	05/15/1947	12/15/1954	07/01/1966	174X	0	1	W	ST. PETERSBURG	FL	PINELLAS	W		.	D	D	07/01/1966	3
4	212983	07/01/1915	0	4	01/15/1952	01/15/1952	07/01/1992	4100	0	0	W	MIDDLETOWN	NJ	MONMOUTH	W		.	A	A	07/01/1992	4
5	211818	07/01/1915	1	1	05/15/1958	12/15/1968	.								B		.	A	A	07/01/1993	5

Q2

The MEANS Procedure

Variable	Label	N	Mean	Std Dev	Median	Minimum	Maximum
ddate	Date of death.	1728	5818.27	4071.57	6391.00	-5662.00	11870.00
dla	Date last alive.	6875	9479.62	3886.50	11139.00	-6393.00	12235.00
seq_no	Sequence Number of Row	6881	3441.00	1986.52	3441.00	1.0000000	6881.00

Q3

The FREQ Procedure

Education

educ	Frequency	Percent
Grade school	1451	21.09
Some high school	3567	51.84
High school graduate	1128	16.39
Associates Degree	500	7.27
Unknown	235	3.42

Q4

	Alive		Dead		Unknown		Total	
	N	%	N	%	N	%	N	%
Grade school	769	11.18	578	8.40	104	1.51	1451	21.09
Some high school	2950	42.87	424	6.16	193	2.80	3567	51.84
High school graduate	1001	14.55	67	0.97	60	0.87	1128	16.39
Associates Degree	430	6.25	36	0.52	34	0.49	500	7.27
Unknown	105	1.53	93	1.35	37	0.54	235	3.42
Total	5255	76.37	1198	17.41	428	6.22	6881	100

The FREQ Procedure

Frequency
Percent

Table of educ by cvs				
	cvs(Vital status EOS 1983)			
educ(Education)	Alive	Dead	Unknown	Total
Grade school	769 11.18	578 8.40	104 1.51	1451 21.09
Some high school	2950 42.87	424 6.16	193 2.80	3567 51.84
High school graduate	1001 14.55	67 0.97	60 0.87	1128 16.39
Associates Degree	430 6.25	36 0.52	34 0.49	500 7.27
Unknown	105 1.53	93 1.35	37 0.54	235 3.42
Total	5255 76.37	1198 17.41	428 6.22	6881 100.00

Q5

The MEANS Procedure

Analysis Variable : age						
Education	N	Mean	Std Dev	Median	Minimum	Maximum
Grade school	1451	36.141	13.055	35.000	-55.000	116.000
Some high school	3567	29.004	10.011	26.000	-55.000	97.000
High school graduate	1128	28.003	7.620	26.000	0.000	77.000
Associates Degree	500	30.878	9.454	29.000	-54.000	113.000
Unknown	235	35.196	14.622	31.000	0.000	104.000

Q6

Variables in Creation Order					
#	**Variable**	**Type**	**Len**	**Format**	**Informat**	**Label**
---	---	---	---	---	---	---
1	orauid	Char	10	$10.	$10.	Oak Ridge assigned id number.
2	bdate	Num	8	MMDDYY10.	MMDDYY10.	Date of birth
3	sex	Char	1	$1.	$1.	Sex
4	educ	Num	8	3.	3.	Education
5	hiredate	Num	8	MMDDYY10.	MMDDYY10.	hiredate
6	termdate	Num	8	MMDDYY10.	MMDDYY10.	Date of last termination from Mound.
7	ddate	Num	8	MMDDYY10.	MMDDYY10.	Date of death.
8	icda8	Char	10	$10.	$10.	Cause of death - ICDA 8th revision.
9	autopsy	Char	1	$1.	$1.	Autopsy
10	dsex	Char	1	$1.	$1.	Sex on death certificate.
11	drace	Char	2	$2.	$2.	Race on death certificate.
12	dcity	Char	50	$50.	$50.	The city of death.
13	dstate	Char	10		$10.	The state of death.
14	dcounty	Char	20	$20.	$20.	The county of death
15	race	Char	2	$2.	$2.	Race of worker.
16	dmvflag	Char	2	$2.	$2.	Submitted to Ohio DMV in 1988.
17	dmvdate	Num	8	MMDDYY10.	MMDDYY7.	Activity date returned by DMV.
18	cvs	Char	1	$1.	$1.	Vital status EOS 1983
19	ssa861	Char	1	$1.	$1.	Results of a 1986 SSA submission.
20	dla	Num	8	MMDDYY10.	MMDDYY8.	Date last alive.
21	seq_no	Num	8	4.	4.	Sequence Number of Row