1)

data Medicare;

infile 'MedicareProvider.txt' dlm='09'x dsd obs=10;

input NPI NPPES_CREDENTIALS \$ NPPES_PROVIDER_GENDER \$ NPPES_ENTITY_CODE \$

NPPES_PROVIDER_ZIP \$ NPPES_PROVIDER_STATE \$ PROVIDER_TYPE \$
MEDICARE_PARTICIPATION_INDICATOR \$ PLACE_OF_SERVICE \$ HCPCS_CODE \$
HCPCS_DRUG_INDICATOR \$ LINE_SRVC_CNT BENE_UNIQUE_CNT
BENE_DAY_SRVC_CNT

AVERAGE_MEDICARE_ALLOWED_AMT STDEV_MEDICARE_ALLOWED_AMT AVERAGE_SUBMITTED_CHRG_AMT STDEV_SUBMITTED_CHRG_AMT AVERAGE_MEDICARE_PAYMENT_AMT

STDEV MEDICARE PAYMENT AMT;

run;

proc print data=Medicare;

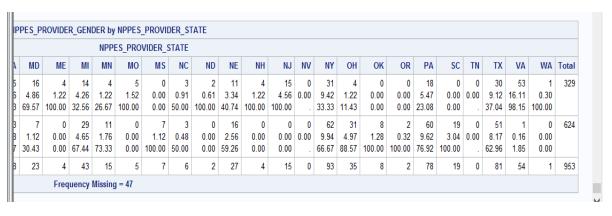
run;

				The SAS System			
Obs	NPI	NPPES_CREDENTIALS	NPPES_PROVIDER_GENDER	NPPES_ENTITY_CODE	NPPES_PROVIDER_ZIP	NPPES_PROVIDER_STATE	PROVIDER_TYPE
1	1003000126	M.D.	M	I	21502185	MD	Internal
2	1003000126	M.D.	M	I	21502185	MD	Internal
3	1003000126	M.D.	M	I	21502185	MD	Internal
4	1003000126	M.D.	M	I	21502185	MD	Internal
5	1003000126	M.D.	M	I	21502185	MD	Internal
6	1003000126	M.D.	M	I	21502185	MD	Internal
7	1003000126	M.D.	M	I	21502185	MD	Internal
8	1003000134	M.D.	M	I	60201171	IL	Patholog
9	1003000134	M.D.	M	I	60201171	IL	Patholog
10	1003000134	M.D.	M	I	60201171	IL	Patholog

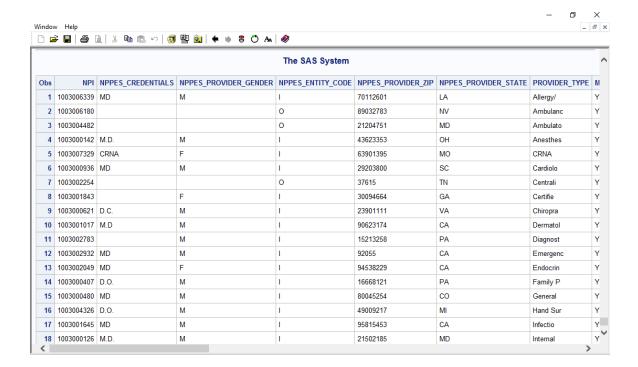
proc freq data=Medicare;

tables NPPES_PROVIDER_GENDER*NPPES_PROVIDER_STATE / nopercent; run;

					The	SAS	Syste	m												
					The	FREQ F	Procedu	ıre												
												Table	e of NP	PES_P	ROVIDE	R_GEN	DER by	NPPES	_PROVI	DER_
																	NPP	ES_PRO	VIDER_	STA
NPPES_PROVIDER_GENDER	AZ	CA	СО	СТ	DC	FL	GA	IA	IL	IN	KY	LA	MA	MD	ME	MI	MN	МО	MS	N
F	0	24	1	0	4	25	1	5	16	7	16	0	15	16	4	14	4	5	0	
	0.00	7.29 22.64	0.30 5.88	0.00	1.22 100.00	7.60 33.78	0.30 3.13	1.52 12.50	4.86 23.19	2.13 53.85	4.86 100.00	0.00	4.56 83.33	4.86 69.57	1.22 100.00	4.26 32.56	1.22 26.67	1.52 100.00	0.00	
М	40	82	16	0	0	49	31	35	53	6	0	2	3	7	0	29	11	0	7	
	6.41 100.00	13.14 77.36	2.56 94.12	0.00	0.00	7.85 66.22	4.97 96.88	5.61 87.50	8.49 76.81	0.96 46.15	0.00	0.32 100.00	0.48 16.67	1.12 30.43	0.00	4.65 67.44	1.76 73.33	0.00	1.12 100.00	
Total	40	106	17	0	4	74	32	40	69	13	16	2	18	23	4	43	15	5	7	
															Fred	uencv	Missino	a = 47		



proc freq data=Medicare;
 tables NPPES_PROVIDER_GENDER*NPPES_PROVIDER_STATE / nopercent;
run;
proc sort data=work.medicare;
 by PROVIDER_TYPE;
run;
data providers;
 set Medicare;
 by PROVIDER_TYPE;
 if first.PROVIDER_TYPE then output;
run;
proc print data=providers;
run;



proc freq data=providers;
 tables NPPES_PROVIDER_GENDER*NPPES_PROVIDER_STATE / nopercent;
run;

					The	SAS S	ystem												
					The F	REQ Pro	cedure												
			Ta	able of	NPPES	_PROVI	DER_GE	NDER b	y NPPE	S_PRO\	/IDER_S	TATE							
	NPPES_PROVIDER_STATE																		
NPPES_PROVIDER_GENDER	CA	со	FL	GA	IL	LA	MD	ME	MI	МО	NE	NV	ОН	PA	SC	TN	TX	VA	Tota
F	2 18.18 33.33	0.00 0.00	9.09 100.00	9.09 50.00	9.09 33.33	0.00 0.00	0.00 0.00	9.09 100.00	9.09 33.33	9.09 100.00	0.00 0.00	0.00	9.09 50.00	0.00 0.00	0.00 0.00	0 0.00	2 18.18 66.67	0.00 0.00	11
М	4 21.05 66.67	5.26 100.00	0.00 0.00	5.26 50.00		5.26 100.00	5.26 100.00	0.00 0.00	2 10.53 66.67	0.00 0.00	5.26 100.00	0.00	1 5.26 50.00	2 10.53 100.00	5.26 100.00	0 0.00	1 5.26 33.33	5.26 100.00	19
Total	6	1	1	2	3	1	1	1	3	1	1	0	2	2	1	0	3	1	30
						F	reauen	cy Missir	na = 4										