

. tabchi marstat raceb if marstat < 8, pearson

observed frequency
expected frequency
Pearson residual

Legal marital status	Race			
	White	Black	Hispanic	Asian
Married	7151	1059	2231	780
	7022.874	1468.488	2106.989	622.649
	1.529	-10.686	2.702	6.306
Widowed	1215	352	223	84
	1172.878	245.250	351.885	103.988
	1.230	6.817	-6.871	-1.960
Divorced	2367	641	595	93
	2313.211	483.694	694.005	205.090
	1.118	7.153	-3.758	-7.827
Separated	343	264	274	25
	567.037	118.568	170.121	50.274
	-9.408	13.356	7.964	-3.564

Pearson chi2(9) = 733.4437 Pr = 0.000

likelihood-ratio chi2(9) = 717.2798 Pr = 0.000