

Table 1—Price elasticity estimates

Food quantity of	Own price	Selected price increased by 1-percent of								Income
		Beef	Pork	Chicken	Cheese	Milk	Oranges	Tomatoes	Percent	
Beef	-0.621	-0.621	0.114	0.018	-0.028	-0.011	0.000	-0.012	0.392	
Pork	-0.728	0.192	-0.728	0.013	-0.006	0.002	-0.021	-0.005	0.659	
Other meats	-1.874	0.818	0.355	0.280	0.358	-0.071	0.200	0.068	-0.574	
Chicken	-0.372	0.103	0.047	-0.372	-0.039	-0.058	0.001	0.097	0.077	
Turkey	-0.535	0.089	0.141	-0.077	0.222	0.432	-0.056	-0.099	-0.127	
Fresh and frozen fish	0.121	-0.113	0.256	-0.049	0.011	-0.431	-0.013	-0.141	0.429	
Canned and cured fish	-0.372	0.009	0.104	0.059	0.129	0.198	-0.110	0.060	0.394	
Eggs	-0.110	0.092	0.012	0.059	0.009	0.042	0.004	0.004	0.287	
Cheese	-0.247	-0.227	-0.026	-0.069	-0.247	0.032	-0.056	-0.070	0.418	
Fluid milk	-0.043	-0.013	0.012	-0.022	0.008	-0.043	-0.018	0.032	0.119	
Evaporated and dry milk	-0.276	-0.074	-0.072	0.178	-0.163	-0.255	-0.055	0.067	0.515	
Wheat flour	-0.078	-0.132	0.006	0.014	-0.050	0.023	0.018	0.013	0.131	
Rice	0.066	0.674	0.184	-0.167	0.187	-0.193	-0.016	-0.020	0.148	
Potatoes	-0.098	0.072	-0.067	0.053	-0.005	0.018	-0.078	-0.052	0.110	
Butter	-0.243	0.100	0.028	0.254	-0.388	0.176	-0.028	-0.121	0.539	
Margarine	-0.009	-0.202	-0.021	-0.005	0.073	0.433	0.119	0.137	-0.336	
Other fats and oils	-0.139	0.093	0.121	0.011	-0.060	0.017	-0.048	-0.078	0.494	
Apples	-0.190	0.014	-0.021	-0.037	-0.016	-0.129	0.123	-0.107	-0.362	
Oranges	-0.849	0.025	-0.225	0.004	-0.124	-0.182	-0.849	-0.038	-0.165	
Bananas	-0.499	-0.070	0.007	-0.122	0.050	-0.324	-0.085	0.111	0.094	
Grapes	-1.180	0.060	0.449	-0.109	-0.475	-0.059	-0.008	0.256	0.561	
Grapefruits	-0.455	-0.584	-0.395	0.132	-0.012	0.553	-0.275	-0.262	-0.490	
Other fresh fruits	-0.416	0.562	0.346	0.020	0.337	0.360	0.295	0.260	0.123	
Lettuce	-0.090	0.038	-0.091	0.114	0.013	0.153	0.133	-0.058	0.372	
Tomatoes	-0.622	-0.233	-0.051	0.330	-0.142	0.278	-0.035	-0.622	0.918	
Celery	-0.078	-0.210	-0.253	0.091	-0.020	0.685	0.072	-0.146	0.725	
Onions	-0.207	0.182	0.157	-0.096	-0.011	-0.074	-0.021	0.141	0.078	
Carrots	-0.534	0.484	0.043	0.258	-0.178	0.225	0.097	0.329	0.675	
Other fresh vegetables	-0.215	-0.557	0.090	-0.258	-0.126	0.045	0.218	0.023	1.292	
Fruit juices	-0.558	-0.212	-0.219	0.148	-0.100	0.062	-0.200	-0.003	0.366	
Canned tomatoes	-0.169	-0.292	-0.219	0.263	0.082	0.257	-0.070	-0.200	0.668	
Canned peas	-0.534	-0.529	0.019	0.144	0.283	1.104	-0.047	-0.209	0.628	
Canned fruit cocktail	-0.740	0.361	0.397	0.084	-0.278	-0.212	0.205	-0.111	0.717	
Peanuts and tree nuts	-0.169	-0.209	0.142	0.025	0.025	-0.183	0.105	0.057	0.099	
Other processed fruits and vegetables	-0.151	-0.145	-0.045	0.049	0.022	-0.110	-0.003	0.004	0.022	
Sugar	-0.037	0.108	-0.007	-0.004	0.014	0.010	-0.008	-0.006	0.006	
Sweeteners	-0.052	-0.044	0.067	-0.048	-0.118	-0.084	0.040	0.021	0.419	
Coffee and tea	-0.176	0.033	-0.012	0.011	0.040	0.010	-0.023	-0.011	0.818	
Frozen dairy products	-0.078	-0.002	0.106	0.117	-0.044	-0.143	-0.007	0.002	0.253	
Nonfood	-0.980	-0.023	-0.016	-0.010	-0.002	-0.019	-0.001	-0.002	1.166	

te. Each of price elasticity shows the percentage change of a food quantity response to a 1-percent increase in a food price or per capita income.

Source: USDA, ERS.

Good or Service	Price Elasticity
Elastic Demand	
Green Peas	2.80
Restaurant Meals	1.63
Automobiles	1.35
Furniture	1.26
Electricity	1.20
Beer	1.19
Inelastic Demand	
Movies	0.87
Air Travel (foreign)	0.77
Shoes	0.70
Clothing	0.64
Coffee	0.25
Food	0.12

Good or Service	Income Elasticity
Elastic Demand with respect to income	
Airline Travel	5.82
Movies	3.41
Foreign Travel	3.08
Electricity	1.94
Restaurant Meals	1.61
Local Buses	1.38
Haircut	1.36
Automobiles	1.07
Inelastic Demand w. r. t. Income	
Tobacco	0.86
Alcoholic Drinks	0.62
Furniture	0.53
Clothing	0.51
Food	0.14

*Note:
No inferior goods*

$\epsilon > 1$	Price increase causes reduction in total expenditures	Price reduction causes increase in total expenditures
$\epsilon = 1$	Price increase causes no change in total expenditures	Price reduction causes no change in total expenditures
$\epsilon < 1$	Price increase causes increase in total expenditures	Price reduction causes reduction in total expenditures