

Table 14: FACGOPHES System Elasticity Estimates, MOR0 and REN0 Households.
Estimates Based on Four-Region Data, 1980–1992.

Equation	MOR0								
	F	A	C	G	O	P	H	E	S
F	-0.784	-0.038	0.067	0.058	-0.044	-0.035	-0.079	0.044	0.006
	5.021	0.591	1.021	1.182	0.416	0.710	1.315	0.722	0.083
A	-0.591	-1.616	-0.866	0.104	0.953	0.147	1.327	-0.390	-0.497
	1.012	3.327	3.385	0.463	1.723	0.695	3.546	1.684	1.743
C	-0.052	-0.279	-1.239	-0.079	0.249	-0.017	-0.102	0.004	0.033
	0.273	3.395	8.755	0.857	1.642	0.202	1.280	0.039	0.213
G	0.246	0.068	0.023	-0.227	-0.508	0.089	0.147	-0.440	-0.048
	1.551	0.847	0.222	1.706	2.922	1.061	1.858	4.344	0.402
O	-0.275	0.248	0.228	-0.436	-1.394	0.176	-0.094	0.338	-0.032
	1.144	1.799	1.936	3.566	4.317	1.858	0.592	2.686	0.276
P	-0.862	0.120	-0.185	0.104	0.563	-1.242	-0.247	-0.508	0.023
	1.797	0.525	0.602	0.352	1.388	2.615	1.134	1.552	0.058
H	-1.388	2.020	-0.517	0.556	-0.644	-0.334	-1.033	-0.698	0.512
	1.629	3.462	1.251	1.354	0.648	0.784	1.233	1.698	1.039
E	0.359	-0.140	0.164	-0.568	0.808	-0.157	-0.190	-0.550	-0.059
	1.408	1.255	0.892	3.090	3.382	0.876	1.711	2.069	0.280
S	0.077	-0.672	0.227	-0.205	-0.111	0.077	0.485	-0.208	-0.476
	0.192	1.893	1.010	1.040	0.215	0.454	1.135	1.169	1.167
Y	0.805	1.429	1.482	0.650	1.242	2.233	1.525	0.334	0.807
	17.540	8.055	15.554	7.016	12.258	8.075	5.221	1.982	5.765
Equation	REN0								
	F	A	C	G	O	P	H	E	S
F	-0.728	-0.132	-0.334	-0.019	0.065	-0.163	-0.030	0.454	-0.003
	3.566	1.597	4.219	0.269	0.457	3.133	0.695	4.812	0.033
A	-1.189	-2.797	0.177	1.130	1.769	-0.861	-0.106	1.306	-0.496
	1.761	3.967	0.592	4.096	2.497	3.231	0.371	3.346	1.365
C	-1.426	0.050	-1.619	-0.251	1.489	-0.058	0.152	0.085	0.045
	5.267	0.402	7.464	1.869	6.685	0.550	2.072	0.522	0.104
G	-0.055	0.464	-0.166	-0.385	-0.981	0.111	0.096	-0.296	0.354
	0.237	4.139	1.282	2.699	4.199	1.199	1.470	2.205	2.533
O	0.074	0.526	1.125	-0.759	-1.337	0.468	-0.013	-0.889	-0.286
	0.217	2.497	7.199	4.442	3.137	3.931	0.091	4.990	1.782
P	-1.966	-1.116	-0.169	0.287	1.931	-1.663	0.118	1.343	-0.194
	2.802	3.061	0.488	0.981	2.719	4.339	0.725	2.726	0.491
H	-0.735	-0.316	1.208	0.763	-0.074	0.309	0.569	-1.789	-0.686
	0.597	0.352	1.944	1.503	0.045	0.751	0.472	2.382	0.798
E	2.593	0.881	0.235	-0.478	-1.906	0.725	-0.381	-2.751	0.344
	5.068	3.464	0.944	2.179	4.013	3.473	3.027	5.954	1.365
S	0.054	-0.834	0.275	1.551	-1.569	-0.237	-0.378	0.913	-0.400
	0.075	1.347	0.760	4.614	1.896	0.915	0.819	2.477	0.541
Y	0.890	1.067	1.532	0.857	1.092	1.429	0.752	0.739	0.623
	30.925	8.968	21.121	18.294	17.264	11.073	4.051	8.109	4.982

Table 15: FACGOPHES System Elasticity Estimates, MOR1 and REN1 Households.
Estimates Based on Four-Region Data, 1980–1992.

Equation	MOR1								
	F	A	C	G	O	P	H	E	S
F	-1.145	-0.069	0.144	-0.030	-0.055	0.059	-0.152	0.369	0.107
	6.536	1.124	2.065	0.522	0.447	1.061	1.471	5.529	0.574
A	-0.684	0.493	-0.370	1.170	0.002	0.026	1.408	-1.591	-0.850
	0.971	0.706	1.015	3.328	0.002	0.077	2.033	5.048	1.310
C	0.170	-0.132	-1.313	-0.002	0.595	-0.073	-0.129	-0.343	-0.268
	0.788	1.384	8.128	0.018	3.191	0.859	0.786	3.455	0.662
G	-0.034	0.341	0.105	-0.769	-0.705	0.275	0.505	-0.281	-0.027
	0.170	3.284	0.977	5.841	3.352	3.188	2.763	2.872	0.079
O	-0.363	-0.034	0.506	-0.586	-1.630	0.280	0.022	0.373	0.065
	1.211	0.201	3.357	3.951	4.090	2.211	0.076	2.515	0.204
P	0.731	0.013	-0.318	1.102	1.676	-2.928	-0.782	-0.682	0.051
	0.603	0.023	0.793	2.465	2.217	6.063	1.111	1.369	0.162
H	-1.109	0.645	-0.237	0.738	0.030	-0.311	-1.182	-0.543	0.517
	1.369	1.633	0.768	2.206	0.046	1.216	1.374	1.411	1.113
E	1.477	-0.611	-0.426	-0.407	0.716	-0.200	-0.383	-1.154	-0.058
	3.980	3.708	3.056	2.737	2.782	1.725	1.693	3.663	0.596
S	1.627	-1.100	-1.247	-0.132	0.495	0.061	1.418	-0.172	-1.699
	2.624	1.990	3.536	0.420	0.669	0.213	1.892	0.571	2.311
Y	0.773	0.396	1.494	0.591	1.367	1.137	1.452	1.046	0.750
	19.251	1.791	19.289	9.015	14.288	4.706	9.036	12.738	4.223
Equation	REN1								
	F	A	C	G	O	P	H	E	S
F	-0.966	0.101	0.159	-0.073	0.092	0.175	-0.189	0.023	0.035
	7.324	1.781	2.832	1.472	0.890	4.380	2.248	0.389	0.317
A	0.629	-2.415	-0.626	0.829	-0.164	-0.410	0.652	-0.015	-0.502
	0.908	2.887	1.603	2.161	0.192	1.465	0.864	0.038	1.018
C	0.308	-0.173	-1.704	0.152	0.012	-0.316	0.319	0.303	-0.248
	1.472	1.428	9.710	1.375	0.061	4.058	1.978	2.452	2.064
G	-0.217	0.292	0.225	-0.830	0.077	-0.216	0.689	-0.517	-0.078
	1.209	2.656	2.180	6.953	0.372	2.854	4.974	4.723	0.549
O	0.000	-0.014	0.025	-0.020	-1.462	0.303	-0.574	0.371	0.074
	0.001	0.061	0.144	0.106	2.650	2.094	1.492	1.929	0.461
P	2.352	-0.560	-1.428	-1.091	1.346	-2.181	1.228	-0.977	-0.604
	3.360	1.358	4.312	2.696	1.819	4.327	2.342	2.746	1.859
H	-2.021	0.430	0.625	1.412	-1.483	0.625	-2.868	0.661	0.775
	2.802	0.849	1.833	4.171	1.596	2.376	2.764	1.719	2.071
E	-0.134	0.021	0.438	-0.837	0.594	-0.298	0.467	-1.443	-0.035
	0.436	0.110	2.589	4.414	1.867	2.288	1.827	5.664	0.336
S	0.453	-0.733	-1.191	-0.466	0.432	-0.673	1.827	-0.116	-0.652
	0.915	1.256	4.310	1.615	0.589	3.502	2.907	0.407	1.022
Y	0.643	2.022	1.347	0.573	1.298	1.915	1.844	1.227	1.121
	13.171	8.168	14.433	6.863	9.032	5.423	7.822	8.045	6.928

Table 16: FACGOPHES System Elasticity Estimates, MOR2 and REN2 Households.
Estimates Based on Four-Region Data, 1980-1992.

Equation	MOR2								
	F	A	C	G	O	P	H	E	S
F	-0.738	0.054	-0.099	-0.143	-0.344	0.028	-0.023	0.358	0.032
	4.180	1.127	1.587	2.671	2.805	0.668	0.255	5.912	0.529
A	0.696	0.092	-0.349	1.925	-0.659	-0.528	-1.254	-0.289	-0.545
	1.137	0.129	0.976	5.583	0.810	2.003	1.770	0.833	1.229
C	-0.532	-0.102	-0.765	-0.286	0.449	0.070	-0.032	-0.303	0.060
	2.822	1.202	5.208	3.016	2.689	1.164	0.243	3.390	0.317
G	-0.440	0.545	-0.236	-0.159	-0.810	0.187	0.410	-0.239	0.092
	2.310	5.587	2.125	1.252	3.724	2.636	2.761	2.684	0.583
O	-1.121	-0.152	0.414	-0.682	0.248	0.241	-0.216	0.013	-0.029
	3.465	0.883	2.751	4.208	0.591	2.283	0.783	0.081	0.185
P	0.765	-0.694	0.558	0.958	1.707	-1.544	-1.518	-0.367	-0.053
	0.987	1.869	1.519	2.791	2.474	3.367	2.494	0.772	0.124
H	-0.450	-0.582	-0.081	0.544	-0.501	-0.530	-0.007	-0.158	0.087
	0.816	1.812	0.296	2.279	0.836	2.307	0.010	0.441	0.253
E	1.878	-0.099	-0.367	-0.333	0.122	-0.114	-0.052	-1.610	-0.050
	6.100	0.740	2.345	2.682	0.422	0.958	0.230	5.555	0.281
S	0.468	-0.608	0.359	0.341	-0.089	-0.060	0.282	-0.169	-1.393
	1.089	1.233	1.491	1.443	0.166	0.299	0.572	0.682	2.784
Y	0.875	0.911	1.440	0.649	1.283	0.188	1.678	0.627	0.870
	20.281	4.728	16.745	8.662	11.353	0.647	9.952	6.913	4.971
Equation	REN2								
	F	A	C	G	O	P	H	E	S
F	-1.088	-0.113	0.088	-0.088	0.173	-0.159	-0.054	0.228	0.164
	6.801	2.284	1.360	1.678	1.577	3.613	0.594	4.327	2.282
A	-1.250	-1.537	2.098	0.682	2.736	-0.519	-0.976	-0.520	-1.003
	1.956	2.007	5.617	2.102	2.590	1.527	1.423	1.777	1.707
C	0.226	0.597	-1.655	0.158	-0.522	-0.086	0.305	0.038	-0.164
	0.889	5.271	7.237	1.340	2.385	0.907	1.569	0.338	1.970
G	-0.363	0.205	0.213	-0.897	0.530	-0.315	0.373	-0.496	-0.041
	1.617	1.930	1.669	6.809	2.092	3.770	2.030	4.967	0.386
O	0.259	0.762	-0.609	0.370	-1.675	0.806	-1.754	0.149	-0.102
	0.606	2.423	2.791	1.592	2.122	4.251	3.824	0.813	0.267
P	-3.020	-0.760	-0.394	-1.384	3.972	-1.106	2.441	0.325	-0.986
	3.509	1.523	0.790	3.618	4.359	2.150	3.568	1.000	4.020
H	-0.685	-0.649	0.603	0.649	-3.659	1.058	1.624	-0.950	0.631
	0.875	1.465	1.436	1.806	3.671	3.358	1.867	3.434	1.826
E	1.454	-0.296	0.071	-0.808	0.352	0.113	-0.760	-1.227	0.048
	3.723	1.770	0.341	5.159	1.120	0.938	3.365	5.194	0.489
S	3.577	-1.597	-0.781	-0.165	-0.364	-1.078	1.642	0.191	-1.884
	5.282	2.002	2.108	0.579	0.383	3.908	2.271	0.718	2.328
Y	0.850	0.291	1.104	0.792	1.794	0.912	1.378	1.053	0.458
	33.853	1.744	19.417	16.777	19.046	5.641	9.347	13.721	3.739