

Appendix B

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Figure B.1

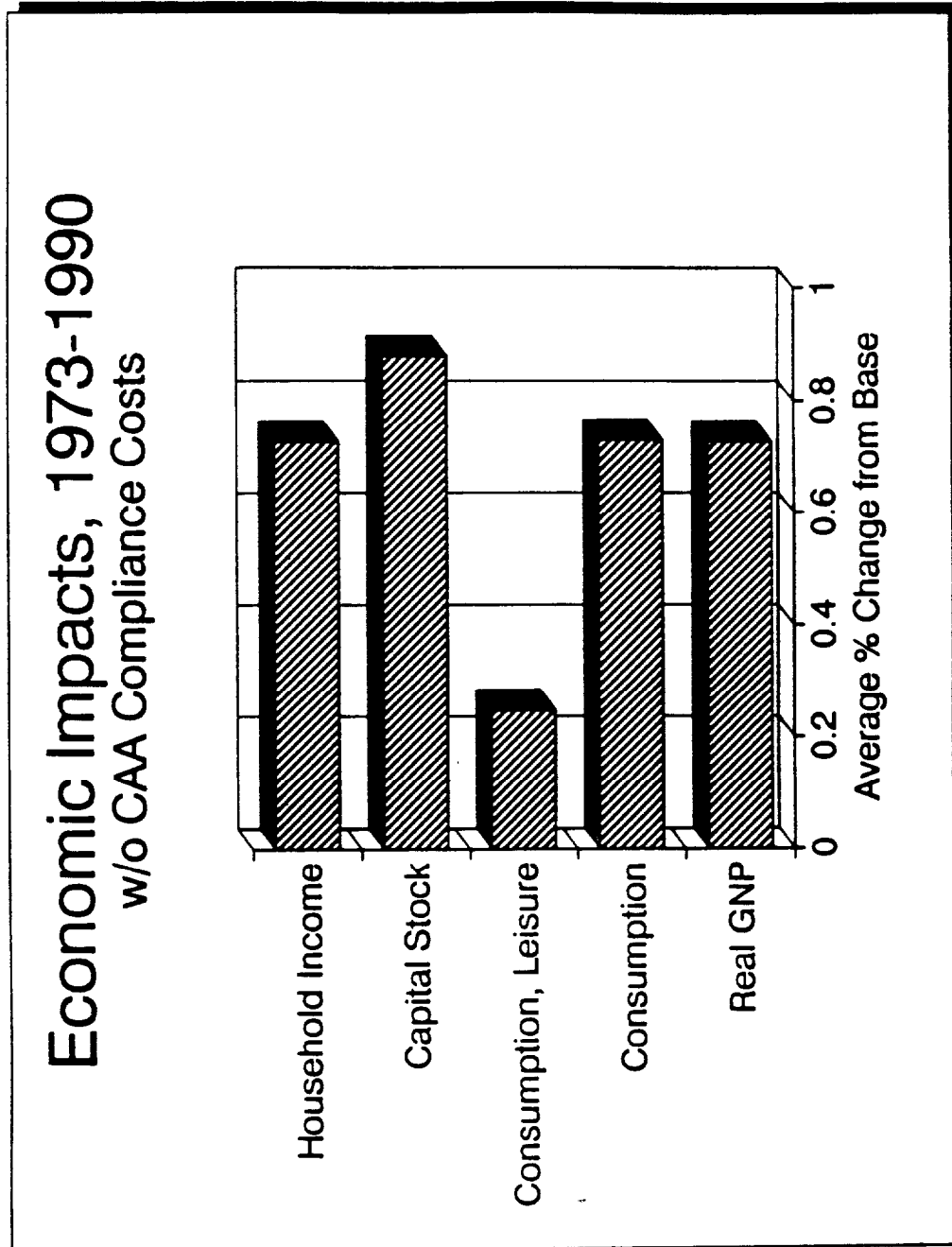


Figure B.2

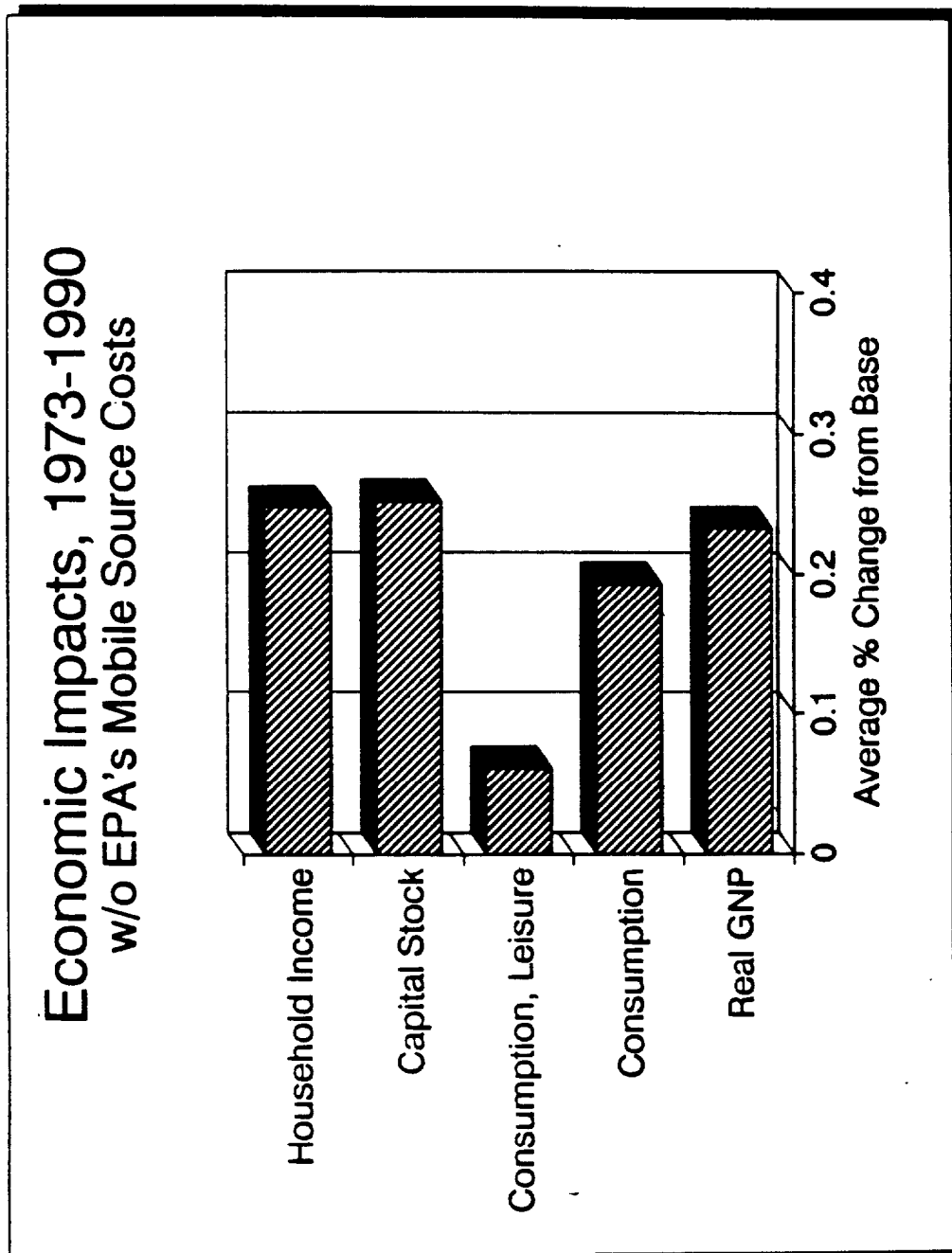


Figure B.3

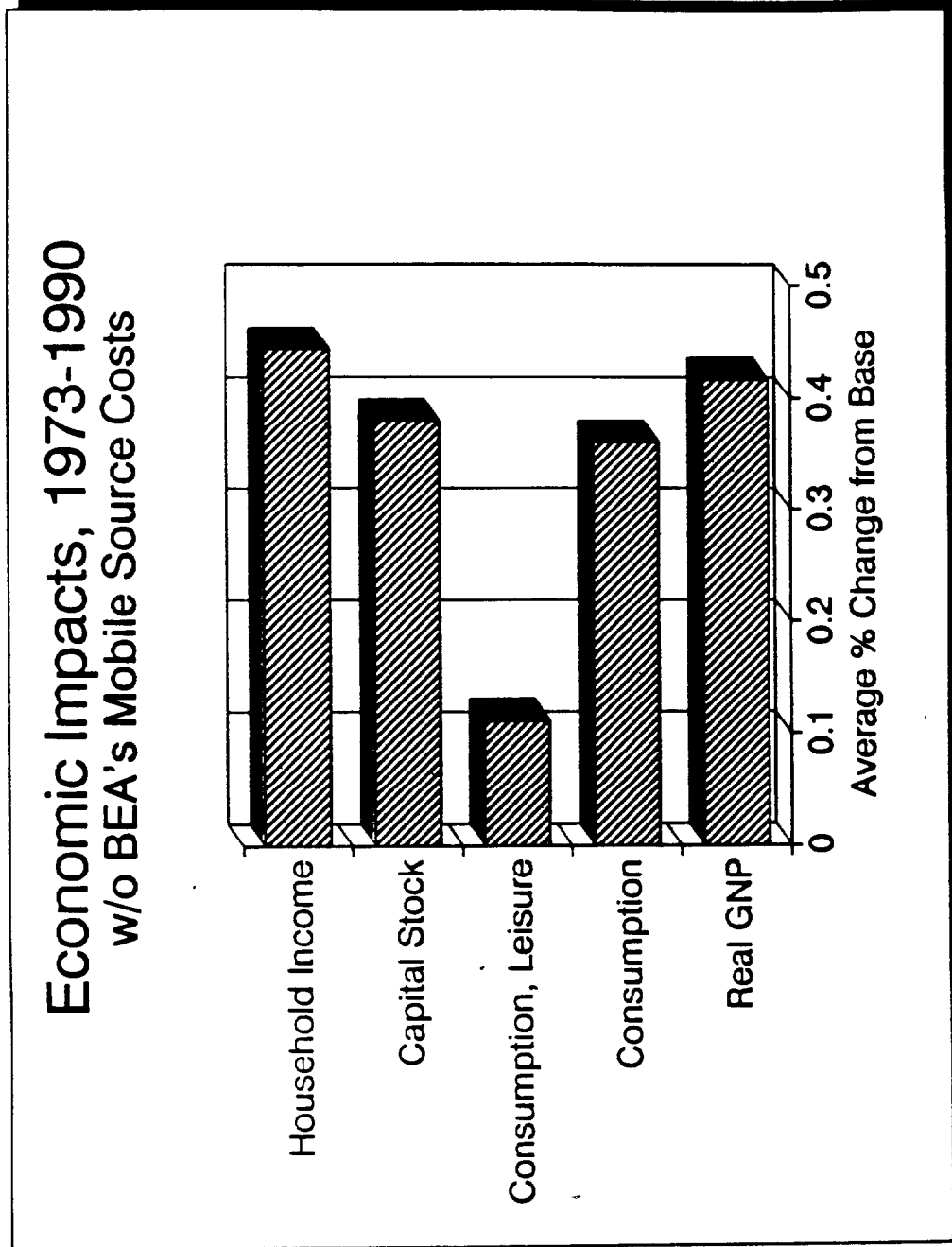


Figure B.4

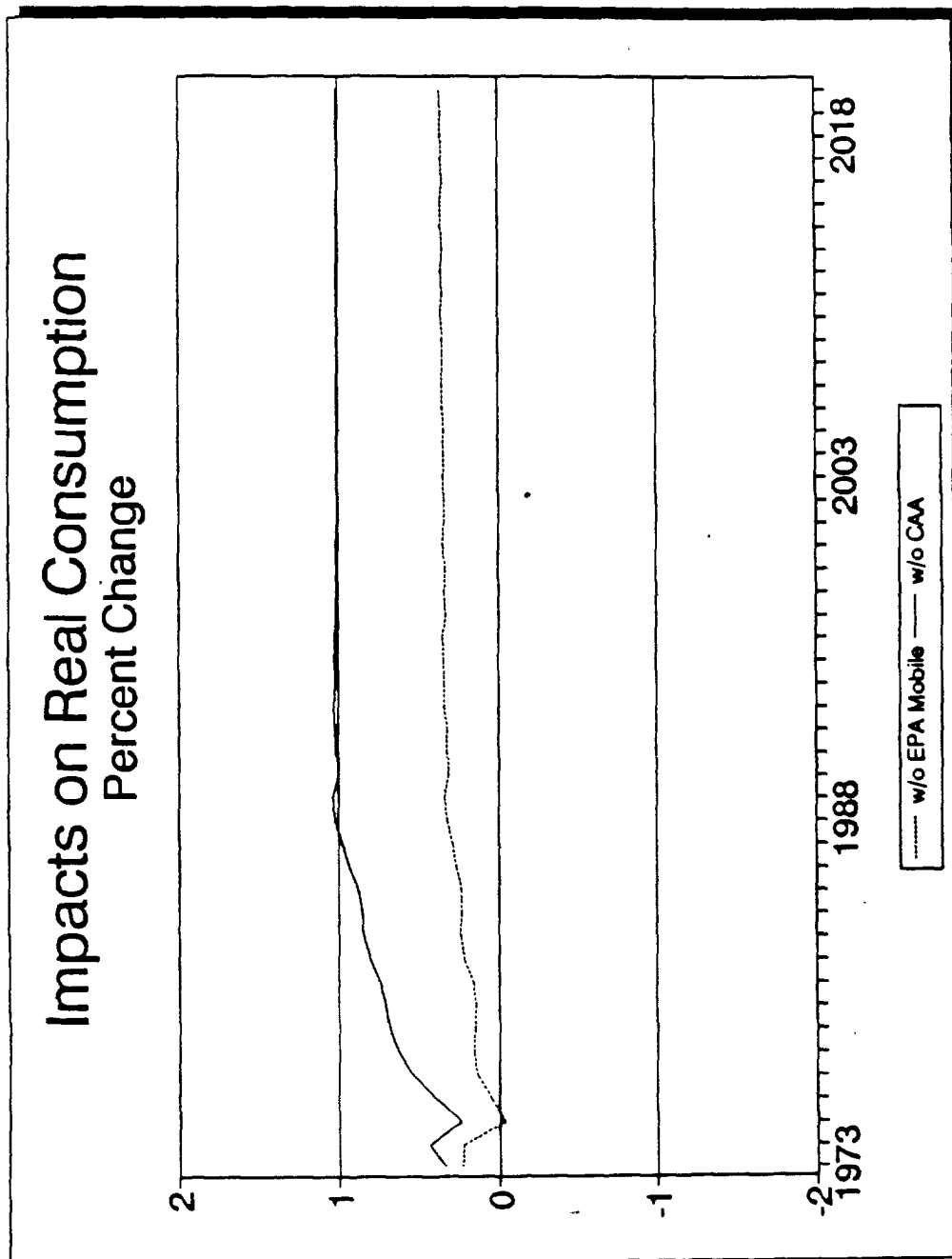


Figure B.5

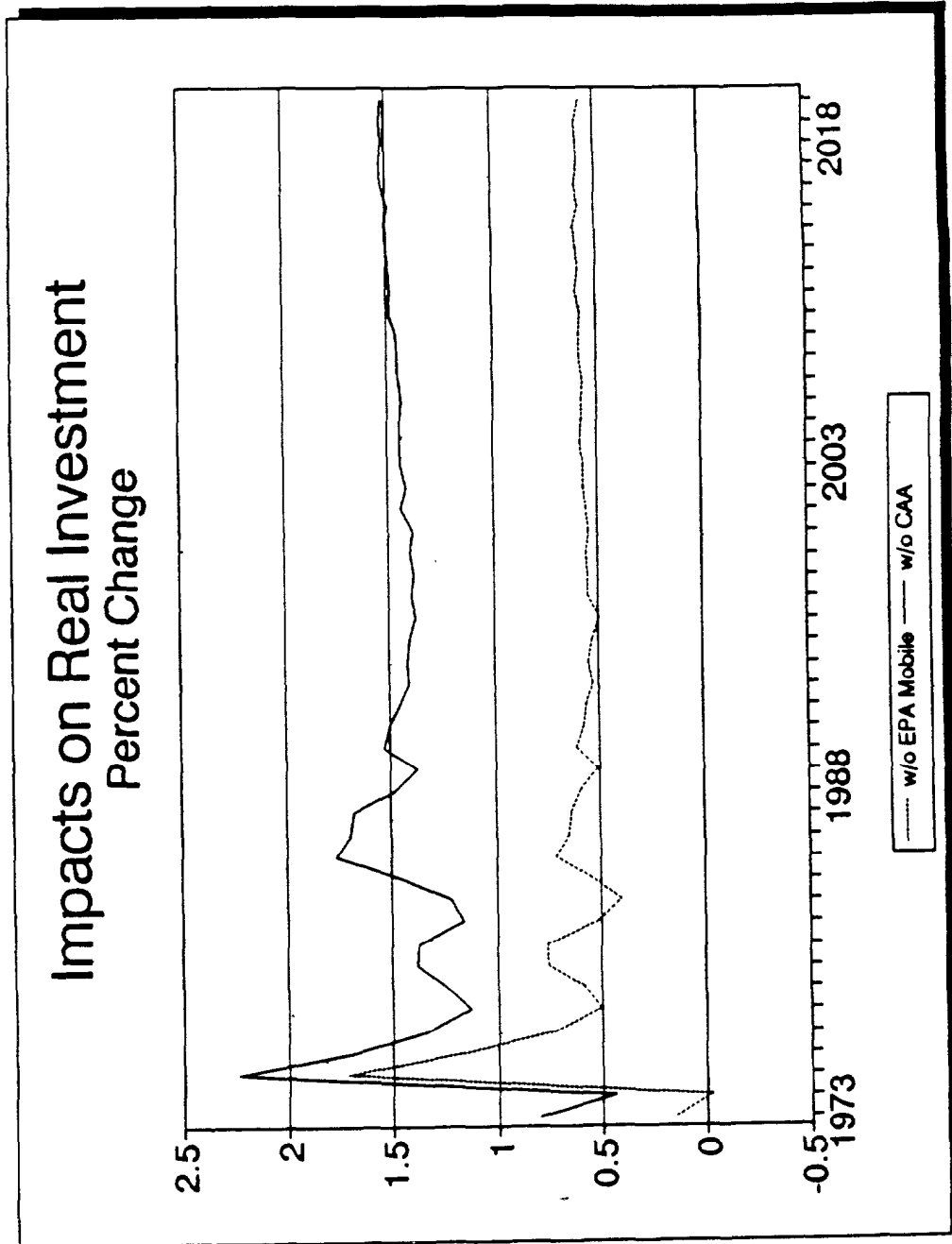


Figure B.6

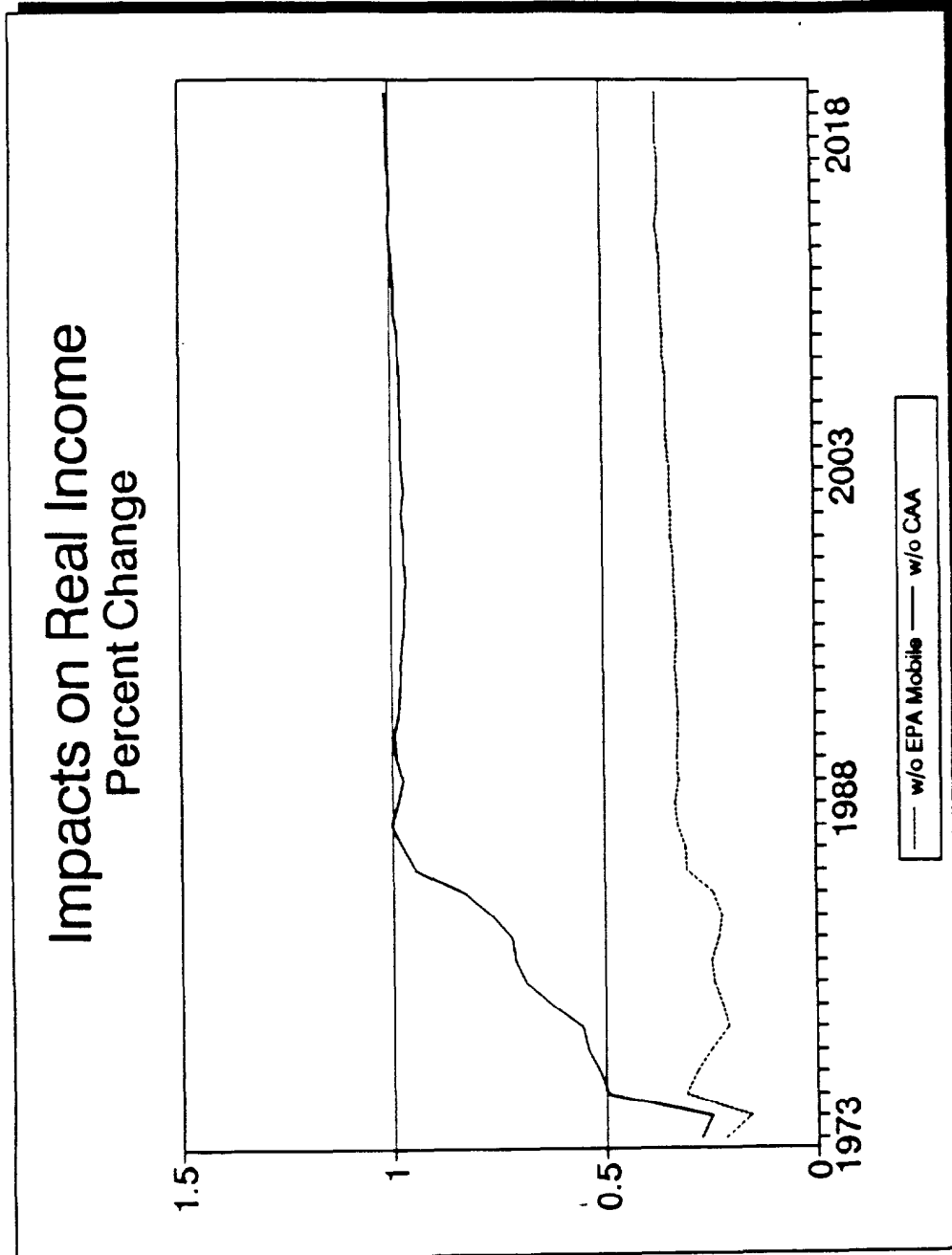


Figure B.7

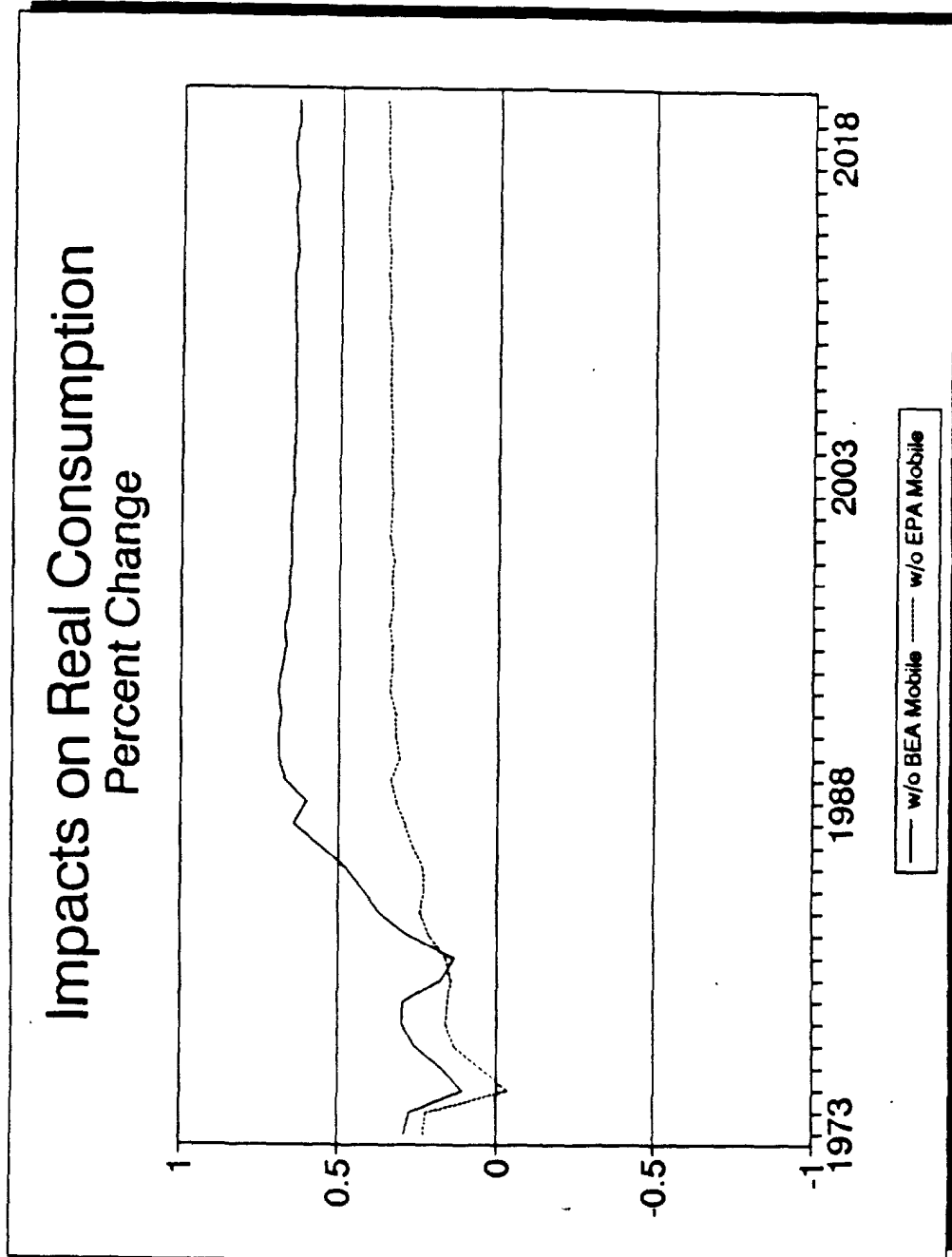


Figure B.8

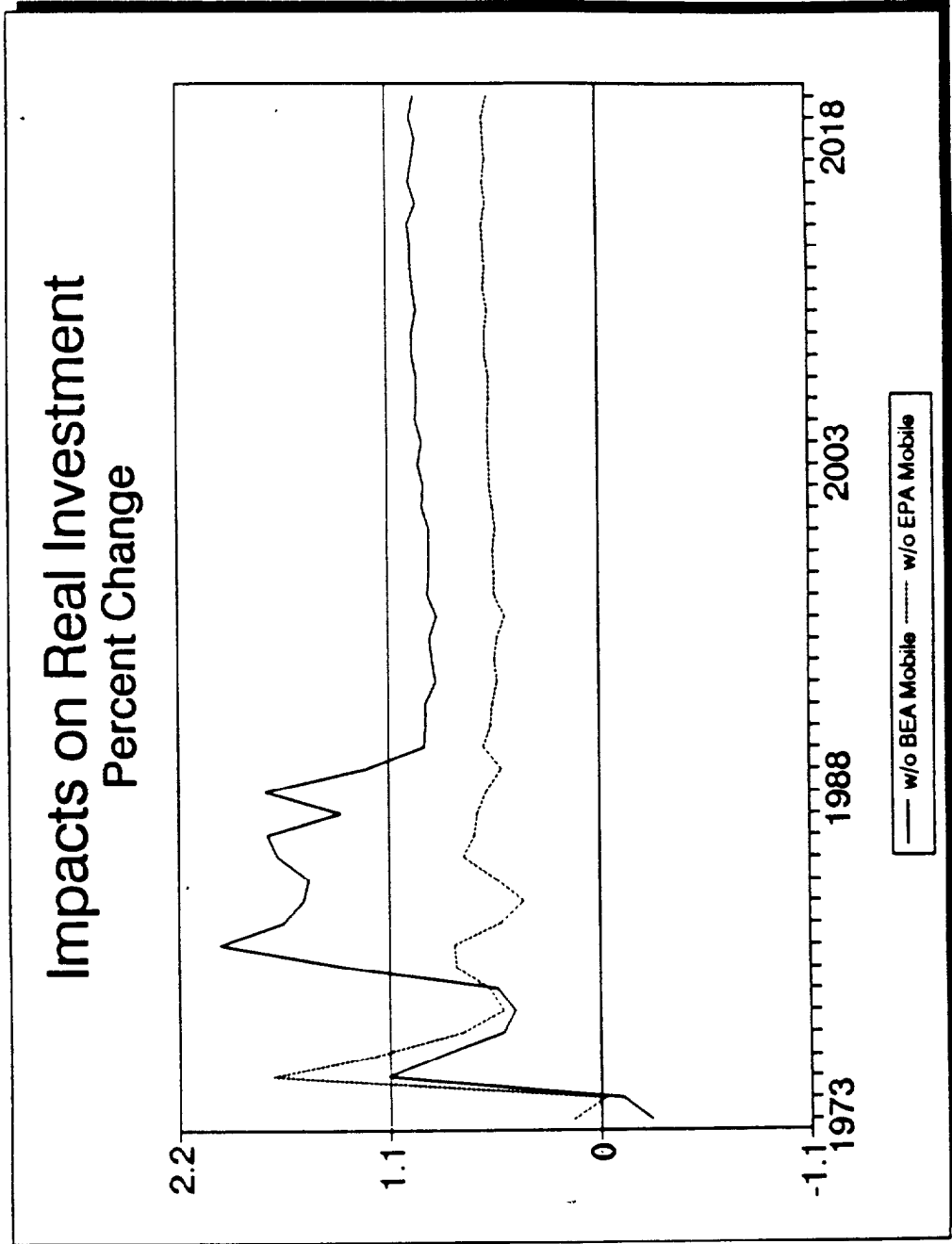


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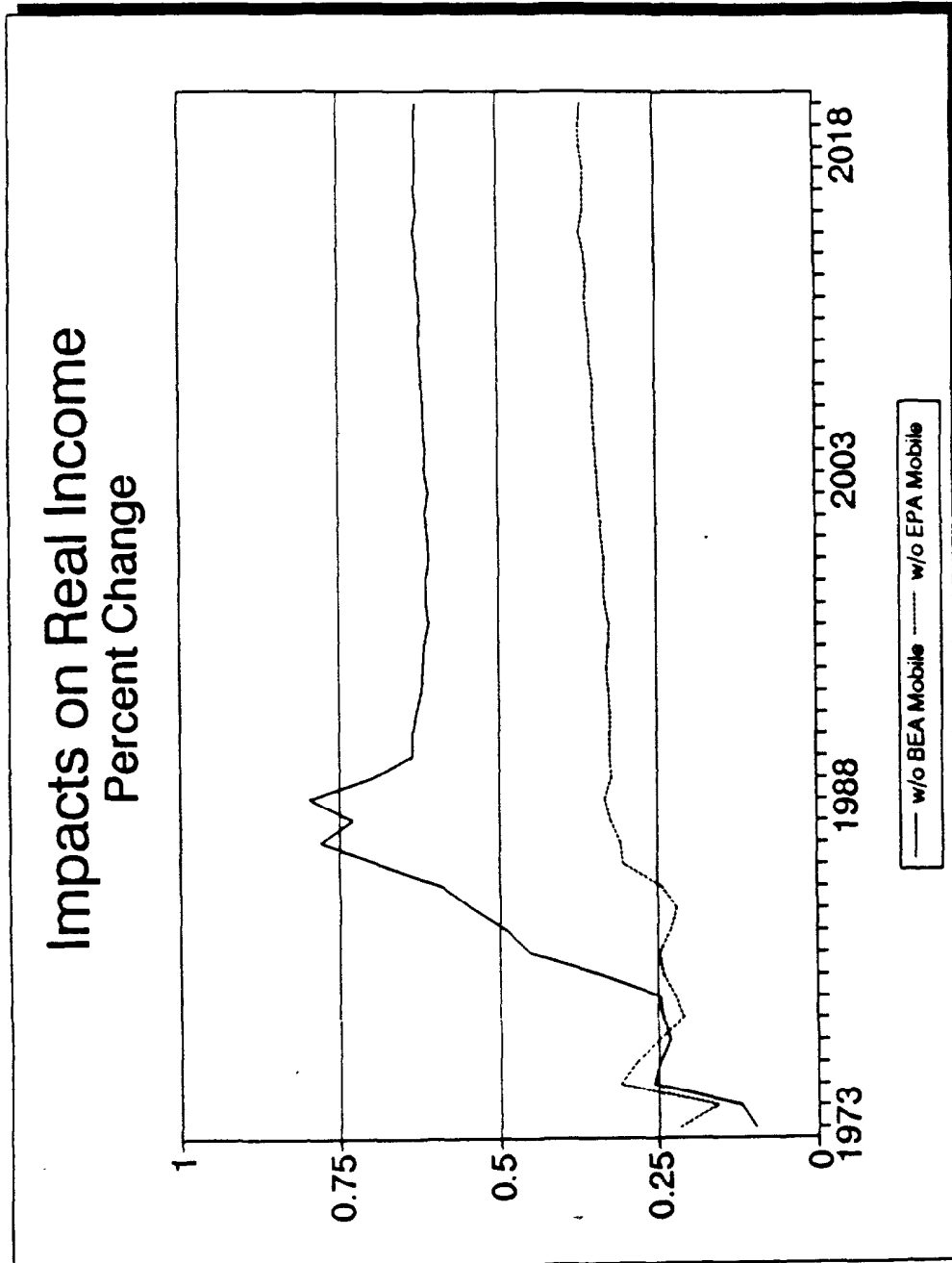


Figure B.10

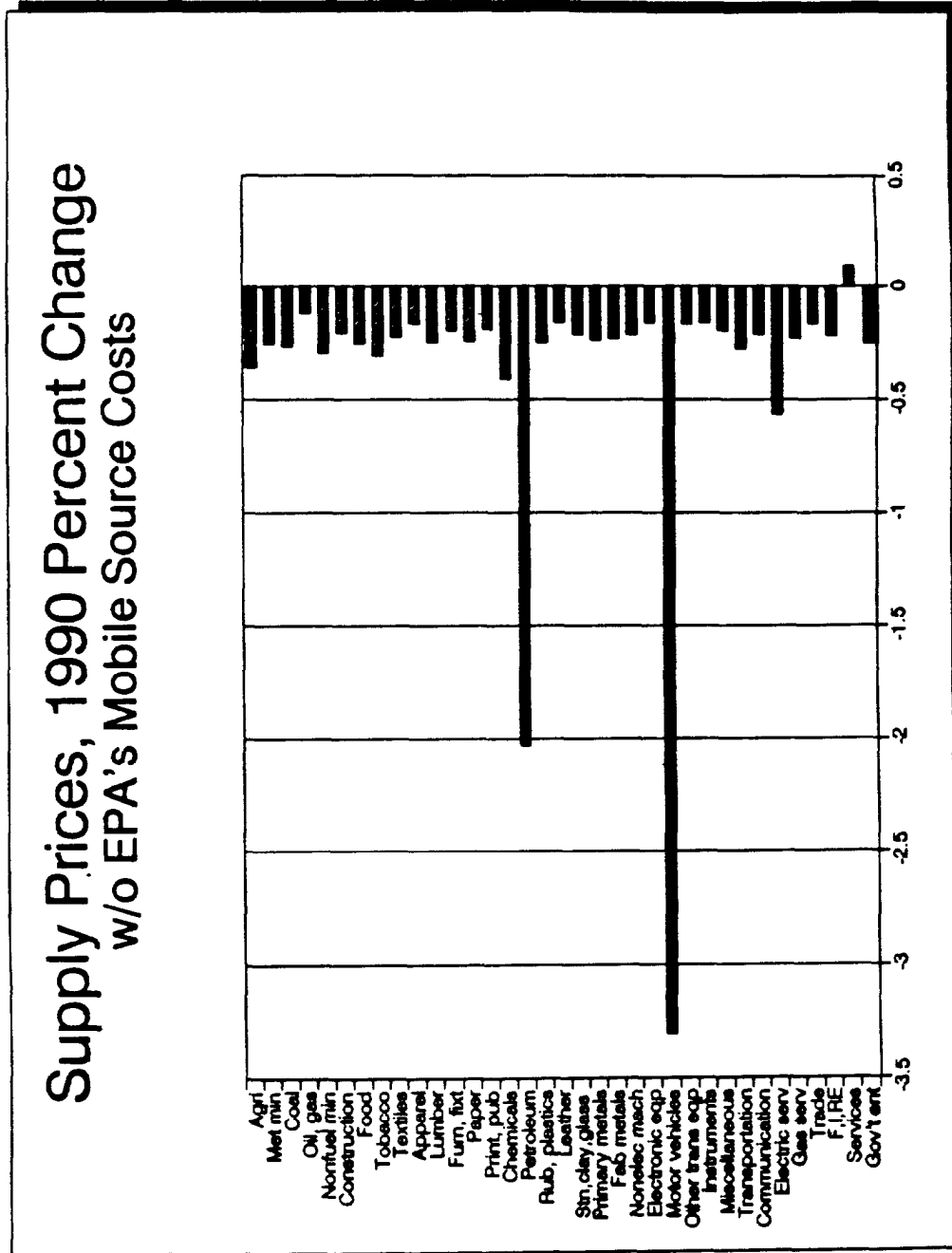


Figure B.11

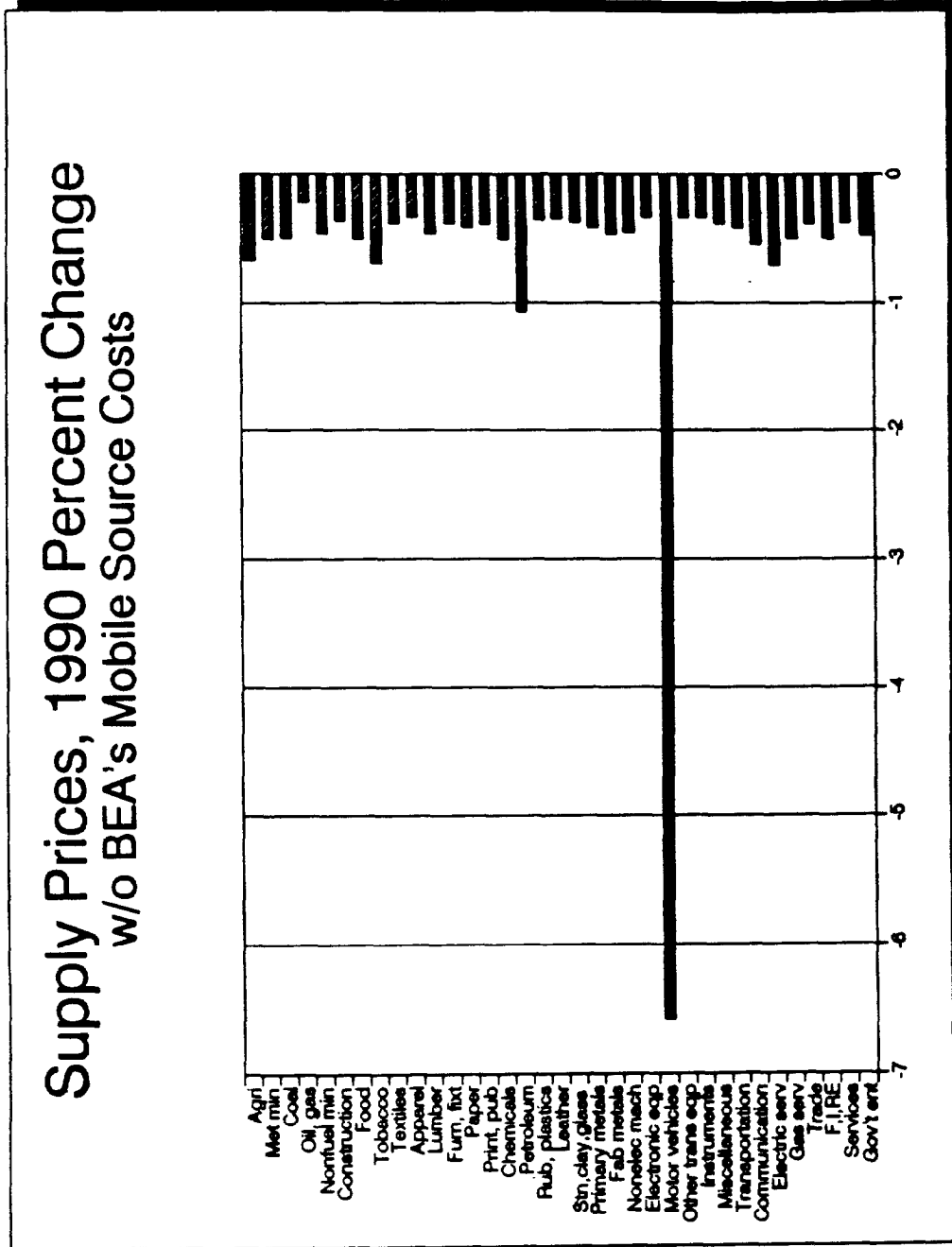


Figure B.12

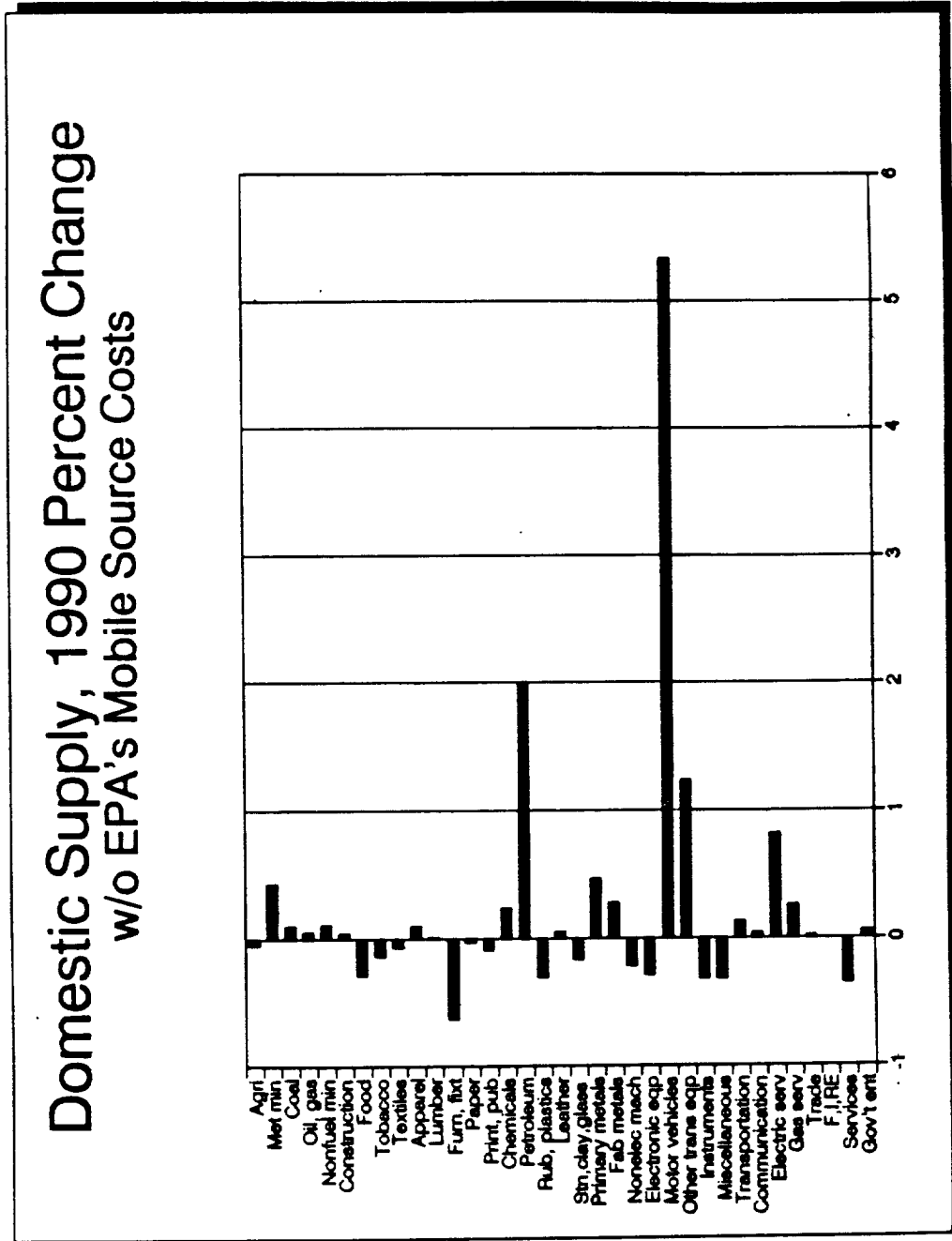


Figure B.13

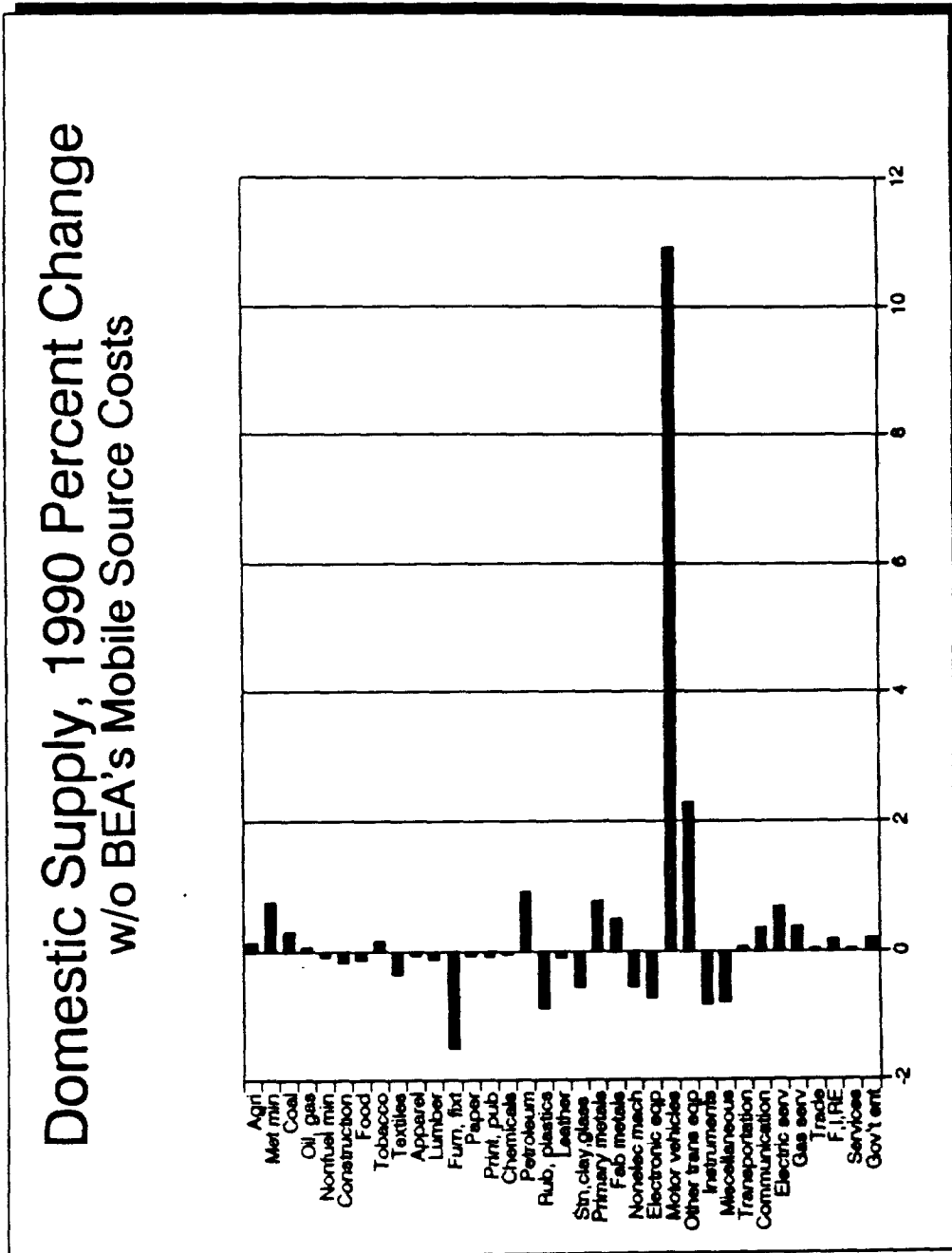


Figure B.14

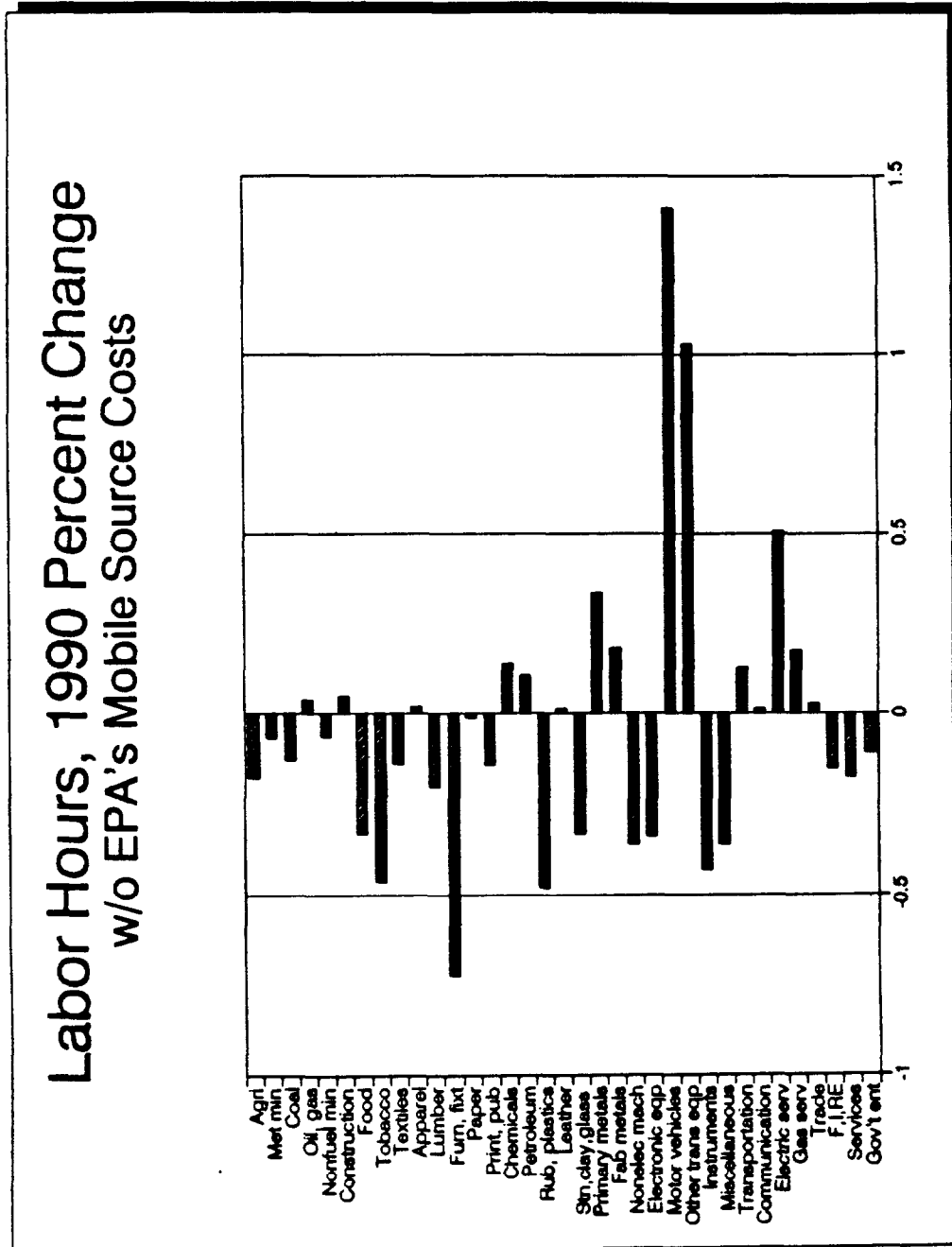


Figure B.15

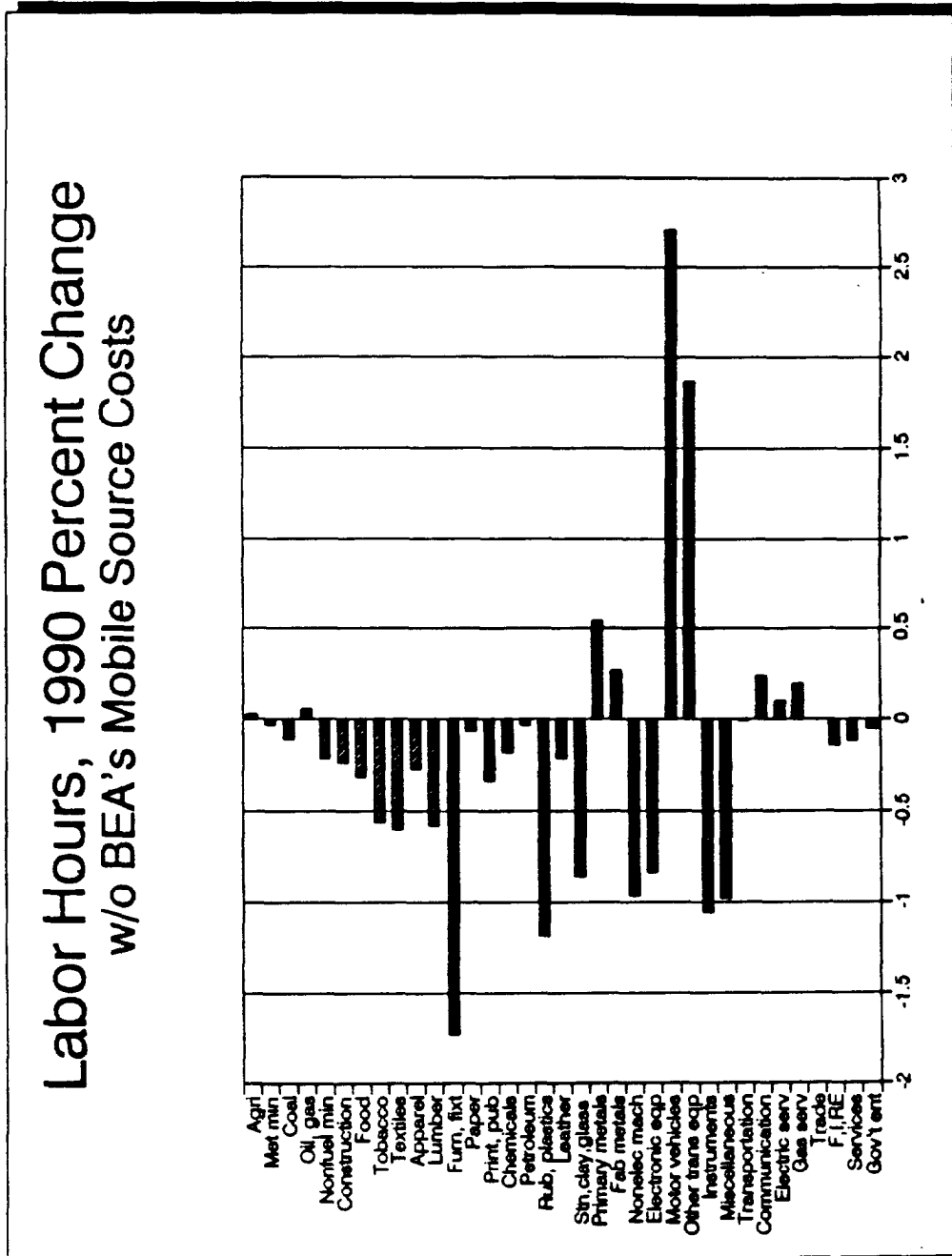


Table B.1
Equivalent Variations And Social Welfare

*Equivalent Variations in Lifetime Expenditure upon
Elimination of EPA 's Mobile Source Compliance Costs
1990 Dollars*

	<i>Size</i>						
	<u>Size 1</u>	<u>Size 2</u>	<u>Size 3</u>	<u>Size 4</u>	<u>Size 5</u>	<u>Size 6</u>	<u>Size 7+</u>
Low	1380	1442	1456	1442	1459	1433	1440
Med	2535	2660	2689	2659	2695	2640	2654
High	4619	4872	4928	4869	4939	4831	4858
	<i>Age</i>						
	<u>16-25</u>	<u>25-34</u>	<u>35-44</u>	<u>45-54</u>	<u>55-64</u>	<u>65+</u>	
Low	1520	1473	1442	1433	1415	1371	
Med	2815	2722	2659	2641	2604	2520	
High	5181	4994	4869	4835	4761	4589	
	<i>Region</i>				<i>Race</i>		
	<u>NE</u>	<u>Midwest</u>	<u>South</u>	<u>West</u>	<u>White</u>	<u>NWhite</u>	
Low	1442	1475	1432	1425	1442	1340	
Med	2659	2726	2637	2625	2659	2455	
High	4869	5002	4824	4801	4869	4460	
	<i>Locale</i>		<i>Sex</i>				
	<u>NFarm</u>	<u>Farm</u>	<u>Male</u>	<u>Female</u>			
Low	1442	1531	1442	1380			
Med	2659	2837	2659	2533			
High	4869	5225	4869	4616			

Reference household: Size 4, Age 35-44, Northeast, Nonfarm, White, Male.
Low, medium and high refer to the time paths of total expenditure equal to one half the average, the average, and twice the average of total lifetime expenditure.

Table B.2
Equivalent Variations And Social Welfare

*Equivalent Variations as a Proportion of Lifetime Expenditure upon
Elimination of EPA's Mobile Source Compliance Costs*

	Size						
	<u>Size 1</u>	<u>Size 2</u>	<u>Size 3</u>	<u>Size 4</u>	<u>Size 5</u>	<u>Size 6</u>	<u>Size 7+</u>
Low	.00280	.00293	.00295	.00292	.00296	.00290	.00292
Med	.00257	.00270	.00273	.00270	-.00273	.00268	.00269
High	.00234	.00247	.00250	.00247	.00250	.00245	.00246
	Age						
	<u>16-25</u>	<u>25-34</u>	<u>35-44</u>	<u>45-54</u>	<u>55-64</u>	<u>65+</u>	
Low	.00308	.00299	.00292	.00291	.00287	.00278	
Med	.00285	.00276	.00270	.00268	.00264	.00255	
High	.00263	.00253	.00247	.00245	.00241	.00233	
	Region				Race		
	<u>NE</u>	<u>Midwest</u>	<u>South</u>	<u>West</u>	<u>White</u>	<u>NWhite</u>	
Low	.00292	.00299	.00290	.00289	.00292	.00272	
Med	.00270	.00276	.00267	.00266	.00270	.00249	
High	.00247	.00254	.00245	.00243	.00247	.00226	
	Locale		Sex				
	<u>NFarm</u>	<u>Farm</u>	<u>Male</u>	<u>Female</u>			
Low	.00292	.00311	.00292	.00280			
Med	.00270	.00288	.00270	.00257			
High	.00247	.00265	.00247	.00234			

Reference household: Size 4, Age 35-44, Northeast, Nonfarm, White Male.

Low, medium and high refer to the time paths of total expenditure equal to one half the average, the average, and twice the average of total lifetime expenditure.

Table B.3
Equivalent Variations And Social Welfare

*Change in Social Welfare upon
Elimination of EPA's Mobile Source Compliance Costs
Billions of 1990 Dollars*

<u>Weight given to equality</u>	<u>Welfare</u>	<u>Efficiency</u>	<u>Equity</u>
Greatest	157	201	-45
Least	195	201	-6

*Change in Social Welfare as a
Proportion of Lifetime Expenditure*

<u>Weight given to equality</u>	<u>Welfare</u>	<u>Efficiency</u>	<u>Equity</u>
Greatest	.00151	.00194	-.00043
Least	.00188	.00194	-.00006

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<u>Weight Given to equality</u>	<u>Index</u>
Greatest	.00033
Least	.00038

Table B.4
Equivalent Variations And Social Welfare

*Equivalent Variations in Lifetime Expenditure upon
Elimination of BEA's Mobile Source Compliance Costs
1990 Dollars*

	Size						
	<u>Size 1</u>	<u>Size 2</u>	<u>Size 3</u>	<u>Size 4</u>	<u>Size 5</u>	<u>Size 6</u>	<u>Size 7+</u>
Low	2591	2581	2555	2507	2513	2446	2426
Med	5061	5040	4990	4894	4905	4771	4731
High	9881	9840	9739	9547	9569	9301	9221
	Age						
	<u>16-25</u>	<u>25-34</u>	<u>35-44</u>	<u>45-54</u>	<u>55-64</u>	<u>65+</u>	
Low	2676	2576	2507	2481	2469	2472	
Med	5229	5032	4894	4841	4816	4821	
High	10218	9822	9547	9440	9390	9402	
	Region				Race		
	<u>NE</u>	<u>Midwest</u>	<u>South</u>	<u>West</u>	<u>White</u>	<u>NWhite</u>	
Low	2507	2526	2458	2528	2507	2370	
Med	4894	4932	4795	4934	4894	4619	
High	9547	9622	9350	9627	9547	8997	
	Locale		Sex				
	<u>NFarm</u>	<u>Farm</u>	<u>Male</u>	<u>Female</u>			
Low	2507	2515	2507	2492			
Med	4894	4910	4894	4864			
High	9547	9579	9547	9486			

Reference household: Size 4, Age 35-44, Northeast, Nonfarm, White, Male.
Low, medium and high refer to the time paths of total expenditure equal to one half the average, the average, and twice the average of total lifetime expenditure.

Table B.5
Equivalent Variations And Social Welfare

*Equivalent Variations as a Proportion of Lifetime Expenditure upon
Elimination of BEA's Mobile Source Compliance Costs*

	Size						
	<u>Size 1</u>	<u>Size 2</u>	<u>Size 3</u>	<u>Size 4</u>	<u>Size 5</u>	<u>Size 6</u>	<u>Size 7+</u>
Low	.00525	.00523	.00518	.00508	.00510	.00496	.00492
Med	.00513	.00511	.00506	.00496	.00497	.00484	.00480
High	.00501	.00499	.00494	.00484	.00485	.00472	.00467
	Age						
	<u>16-25</u>	<u>25-34</u>	<u>35-44</u>	<u>45-54</u>	<u>55-64</u>	<u>65+</u>	
Low	.00542	.00522	.00508	.00503	.00501	.00501	
Med	.00530	.00510	.00496	.00491	.00488	.00489	
High	.00518	.00498	.00484	.00479	.00476	.00477	
	Region				Race		
	<u>NE</u>	<u>Midwest</u>	<u>South</u>	<u>West</u>	<u>White</u>	<u>NWhite</u>	
Low	.00508	.00512	.00498	.00512	.00508	.00481	
Med	.00496	.00500	.00486	.00500	.00496	.00468	
High	.00484	.00488	.00474	.00488	.00484	.00456	
	Locale		Sex				
	<u>NFarm</u>	<u>Farm</u>	<u>Male</u>	<u>Female</u>			
Low	.00508	.00510	.00508	.00505			
Med	.00496	.00498	.00496	.00493			
High	.00484	.00486	.00484	.00481			

Reference household: Size 4, Age 35-44, Northeast, Nonfarm, White, Male.

Low, medium and high refer to the time paths of total expenditure equal to one half the average, the average, and twice the average of total lifetime expenditure.

Table B.6
Equivalent Variations And Social Welfare

*Change in Social Welfare upon
Elimination of BEA's Mobile Source Compliance Costs
Billions of 1990 Dollars*

<u>Weight Given to equality</u>	<u>Welfare</u>	<u>Efficiency</u>	<u>Equity</u>
Greatest	293	440	-147
Least	372	440	-68

*Change in Social Welfare as a
Proportion of Lifetime Expenditure*

<u>Weight given to equality</u>	<u>Welfare</u>	<u>Efficiency</u>	<u>Equity</u>
Greatest	.00283	.00425	-.00142
Least	.00359	.00425	-.00066

Index of Relative Progressivity

<u>Weight given to equality</u>	<u>Index</u>
Greatest	.00024
Least	.00031