

TAX INCIDENCE WITH FOREIGN TRADE

	Benz. US	Benz. Other	Styr. US
1983 Quantity Consumed	3991.00	11025.00	2440
1983 Price	460.25	459.62	647.5
Supply Intercept	412.07	426.70	163.25
Supply Slope	0.0119	0.0030	0.0004
Demand Intercept			2960.00
Demand Slope			-0.95
Tax Rate	11.03	0.00	0
After-tax Quantity	3863.73	11186.49	2430.16
% Change	-3.19%	1.46%	-0.40%
After-tax Price	469.17	460.36	656.83
% Change	1.94%	0.16%	1.44%
US Share Of Sales	90.61%	0.18%	97.69%
Production	3520.63	11529.59	2608.98

AUXILIARY VARIABLES

	VALUE	RANGE NAME
US Benzene Alpha (Linear)	-2.908	USALPH1
US Benzene Beta (Linear)	3.017	USBET1
Other Benzene Alpha (Logistic)	385	OTHALPH1
Other Benzene Beta (Logistic)	20.336735	OTHBET1
US Styrene Alpha (Linear)	-1.359	USALPH2
US Styrene Beta (Linear)	1.508	USBET2
Other Styrene Alpha (Logistic)	52.7	OTHALPH2
Other Styrene Beta (Logistic)	10.168367	OTHBET2
1983 US Share of US Benzene	88.77%	USEQSHB
1983 US Share of Other Benzene	0.25%	OTHEQSHB
1983 US Benzene Production	3570.712	USEQB
1983 Other Benzene Production	11445.288	OTHEQB
1983 US Share of US Styrene	99.51%	USEQSHS
1983 US Share of Other Styrene	5.00%	OTHEQSHS
1983 US Styrene Production	2694.9252	USEQS
1983 Other Styrene Production	5082.0748	OTHEQS

1983 US Benzene used in Styrene
1983 Other Benzene used in Stryene

2829.6715USDD
5336.1785OTHDD

US Benzene Capacity
Other Beneze Capacity
US Styrene Capacity
Other Styrene Capcity
Minimum Benzene Price
Minimum Styrene Price

100000USPRMAX
100000OTHPRMAX
100000USPPMAX
100000OTHPPMAX
0MINPRPR
0MINPPPR

Styr. Other

-

5337
715.86676

231.96
0.0002
3272.53
-0.48

0

5335.34
-0.03%
716.66
0.11%

4.40%
5156.52

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