2002 Input-Output Transactions Table (in $million except for employment, which is number of jobs)

| Industry | S1 | S2 | S3 | S4 | S5 | S6 | S7 | S8 | S9 | S10 | S11 | S12 | S13 | S14 | S15 | S16 | S17 | S18 | S19 | S20 | S21 | S22 | S23 | S24 | S25 | S26 | S27 | S28 | S29 | S30 | S31 | S32 | S33 | S34 | S35 | S36 | S37 | S38 | S39 | S40 | S41 | S42 | S43 | S44 | S45 | S46 | S47 | S48 | S49 | S50 | S51 | S52 | S53 | S54 | S55 | S56 | S57 | S58 | S59 | S60 | S61 | S62 | S63 | S64 | S65 | S66 | S67 | Total intermediate demand | PCE | Visitor expenditures | Change in inventories | Gross private investment | State and local gov't investment | State and local gov't consumption | Federal military gov't investment | Federal military gov't consumption | Federal civilian gov't consumption | Federal civilian gov't investment | Exports | Total output |
|---|---|---

ngs, and Tax Multipliers for Hawai

		Final demand multipliers							Direct effect multipliers	
		Output multipliers		Earnings multipliers		State tax multipliers			Earnings/earnings multipliers	
	Industry	Type I	Type II	Type I	Type II	Type I	Type II		Type I	Type II
1	Sugarcane	1.29	1.90	0.51	0.68	0.043	0.076		1.18	1.59
2	Vegetables	1.56	2.06	0.41	0.55	0.047	0.074		1.69	2.28
3	Macadamia nuts, coffee, and other fruits	1.41	1.99	0.48	0.64	0.044	0.076		1.35	1.82
4	Pineapples	1.39	2.05	0.55	0.74	0.045	0.081		1.27	1.72
5	Flowers and nursery products	1.45	2.05	0.50	0.67	0.046	0.078		1.38	1.86
6	Other crops	1.27	1.88	0.50	0.67	0.041	0.074		1.19	1.61
7	Animal production	1.42	1.92	0.41	0.55	0.036	0.064		1.45	1.95
8	Aquaculture	1.53	1.98	0.37	0.50	0.034	0.059		1.70	2.29
9	Commercial fishing	1.58	2.25	0.55	0.74	0.057	0.093		1.41	1.91
10	Forestry & logging	1.36	2.04	0.55	0.74	0.102	0.139		1.35	1.83
11	Support activities for agriculture	1.34	2.06	0.59	0.80	0.064	0.103		1.22	1.64
12	Mining	1.71	2.86	0.94	1.27	0.083	0.145		1.43	1.93
13	Single family construction	1.41	1.82	0.34	0.45	0.071	0.093		1.65	2.22
14	Construction of other buildings	1.44	1.98	0.44	0.59	0.073	0.102		1.52	2.05
15	Heavy and civil engineering construction	1.46	2.51	0.86	1.16	0.064	0.121		1.24	1.67
16	Maintenance & repairs	1.42	2.03	0.50	0.68	0.079	0.113		1.37	1.85
17	Food processing	1.64	2.10	0.38	0.51	0.042	0.067		2.28	3.07
18	Beverage manufacturing	1.60	1.99	0.32	0.43	0.044	0.065		2.29	3.08
19	Apparel and textile manufacturing	1.29	1.78	0.40	0.54	0.036	0.062		1.31	1.76
20	Petroleum manufacturing	1.15	1.25	0.08	0.11	0.010	0.015		1.84	2.49
21	Other manufacturing	1.34	1.84	0.41	0.55	0.038	0.065		1.38	1.86
22	Air transportation	1.57	2.03	0.38	0.51	0.039	0.064		1.86	2.51
23	Water transportation	1.70	2.16	0.38	0.51	0.055	0.080		4.60	6.20
24	Truck and rail transportation	1.40	2.01	0.50	0.68	0.083	0.116		1.35	1.82
25	Transit and ground passenger transportation	1.50	2.01	0.42	0.56	0.075	0.103		1.62	2.18
26	Scenic and support activities for transportation	1.18	1.89	0.58	0.78	0.073	0.111		1.12	1.52
27	Couriers and messengers	1.21	1.76	0.45	0.60	0.037	0.067		1.19	1.61
28	Warehousing and storage	1.31	1.90	0.49	0.66	0.069	0.101		1.20	1.62
29	Publishing (include Internet)	1.10	1.71	0.50	0.68	0.064	0.097		1.08	1.45
30	Motion picture and sound recording industries	1.29	1.73	0.36	0.48	0.063	0.087		1.32	1.79
31	Broadcasting (Radio, TV, Cable)	1.29	2.26	0.80	1.08	0.088	0.141		1.13	1.52
32	Telecommunications	1.28	1.63	0.29	0.39	0.041	0.060		1.39	1.88
33	Internet providers, web, and data processing	1.39	1.92	0.44	0.59	0.070	0.099		1.43	1.93
34	Other information services	1.48	1.98	0.41	0.55	0.073	0.100		1.64	2.21
35	Utilities	1.41	1.68	0.23	0.31	0.063	0.078		1.62	2.19
36	Wholesale trade	1.30	1.80	0.41	0.56	0.165	0.192		1.31	1.76
37	Retail trade	1.34	1.86	0.43	0.57	0.178	0.206		1.27	1.71
38	Credit intermediation and related activities	1.42	1.86	0.36	0.49	0.041	0.065		1.69	2.27
39	Insurance carriers and related activities	1.70	2.26	0.47	0.63	0.098	0.129		1.78	2.40
40	Other finance and insurance	1.36	2.22	0.71	0.95	0.056	0.102		1.22	1.64
41	Owner-occupied dwellings	1.34	1.48	0.11	0.15	0.017	0.024		NA	NA
42	Real estate	1.43	1.66	0.19	0.26	0.054	0.067		2.43	3.28
43	Rental & leasing	1.52	1.92	0.33	0.45	0.114	0.136		2.07	2.79
44	Legal services	1.36	2.17	0.66	0.90	0.079	0.123		1.19	1.60
45	Architectural and engineering services	1.37	2.14	0.63	0.85	0.077	0.119		1.21	1.63
46	Computer systems design services	1.44	2.17	0.61	0.82	0.082	0.122		1.27	1.71
47	R&D in the physical, engineering, & life sciences	1.35	1.96	0.50	0.67	0.054	0.087		1.28	1.73
48	Other professional services	1.53	2.23	0.58	0.78	0.081	0.120		1.38	1.87
49	Management of companies and enterprises	1.46	2.25	0.65	0.88	0.083	0.126		1.29	1.74
50	Travel arrangement and reservation services	1.50	2.17	0.54	0.73	0.078	0.114		1.44	1.94
51	Administrative and support services	1.30	2.09	0.65	0.88	0.079	0.122		1.17	1.58
52	Waste management and remediation services	1.45	2.01	0.46	0.61	0.073	0.103		1.47	1.99
53	Colleges, universities, and professional schools	1.47	2.23	0.62	0.83	0.079	0.120		1.24	1.67
54	Other educational services	1.48	2.24	0.63	0.85	0.081	0.122		1.29	1.74
55	Ambulatory health care services	1.17	1.99	0.67	0.90	0.073	0.117		1.10	1.48
56	Hospitals	1.66	2.24	0.48	0.64	0.057	0.089		1.77	2.39
57	Nursing and residential care facilities	1.39	2.11	0.59	0.79	0.044	0.083		1.22	1.65
58	Social assistance	1.35	2.08	0.59	0.80	0.051	0.090		1.22	1.65
59	Arts and entertainment	1.27	1.97	0.57	0.77	0.052	0.090		1.18	1.59
60	Accommodation	1.42	1.99	0.47	0.63	0.107	0.137		1.41	1.90
61	Eating and drinking	1.53	2.07	0.45	0.60	0.067	0.097		1.48	1.99
62	Repair and maintenance	1.40	2.02	0.51	0.69	0.076	0.110		1.29	1.73
63	Personal and laundry services	1.54	2.18	0.52	0.71	0.081	0.115		1.42	1.91
64	Organizations	1.43	2.06	0.52	0.70	0.042	0.076		1.33	1.80
65	Federal government military	1.00	1.70	0.58	0.78	0.029	0.067		1.00	1.35
66	Federal government: civilian	1.14	1.90	0.62	0.84	0.043	0.084		1.08	1.46
67	State and local government	1.13	1.98	0.69	0.94	0.041	0.087		1.06	1.43
	PCE	1.10	1.49	0.31	0.42	0.056	0.077			
	Visitor expenditures	1.24	1.69	0.36	0.49	0.077	0.101			
	State and local government consumption	1.11	1.88	0.63	0.85	0.042	0.084			
	Federal military consumption	0.96	1.59	0.52	0.70	0.030	0.064			
	Federal civilian consumption	1.14	1.86	0.59	0.79	0.044	0.083			

Job Multipliers for 2002-2012

		Direct effect multipliers				Final demand multipliers				Final demand multipliers				Final demand multipliers				Final demand multipliers				Final demand multipliers				Final demand multipliers				Final demand multipliers				Final demand multipliers			
		W&S job/W&S job multipliers		Total job/total job multipliers		W&S job multipliers		Total job multipliers		W&S job multipliers		Total job multipliers		W&S job multipliers		Total job multipliers		W&S job multipliers		Total job multipliers		W&S job multipliers		Total job multipliers		W&S job multipliers		Total job multipliers		W&S job multipliers		Total job multipliers	
	Industry	Type I	Type II	Type I	Type II	Type I	Type II	Type I	Type II	Type I	Type II	Type I	Type II	Type I	Type II	Type I	Type II	Type I	Type II	Type I	Type II	Type I	Type II	Type I	Type II	Type I	Type II	Type I	Type II	Type I	Type II
		2002	2002	2002	2002	2003	2003	2003	2003	2004	2004	2004	2004	2005	2005	2005	2005	2006	2006	2006	2006	2007	2007	2007	2007	2008	2008	2008	2008	2009	2009	2009	2009	2010	2010	2010	2010	2011	2011	2011	2011	2012	2012	2012	2012
1	Sugarcane	1.17	1.58	1.14	1.45	13.7	18.5	23.2	29.5	13.4	18.1	22.7	28.8	13.1	17.7	22.2	28.2	12.8	17.4	21.7	27.6	12.5	17.0	21.2	27.0	12.2	16.6	20.8	26.4	12.0	16.3	20.3	25.8	11.7	15.9	19.9	25.3	11.5	15.6	19.4	24.7	11.2	15.2	19.0	24.2	11.0	14.9	18.6	23.7
2	Vegetables	1.42	1.78	1.34	1.61	15.57	19.57	25.46	30.61	15.24	19.14	24.91	29.95	14.91	18.73	24.37	29.30	14.58	18.32	23.84	28.66	14.27	17.92	23.32	28.04	13.96	17.54	22.82	27.43	13.65	17.16	22.32	26.84	13.36	16.78	21.84	26.26	13.07	16.42	21.37	25.69	12.79	16.06	20.90	25.13	12.51	15.72	20.45	24.59
3	Macadamia nuts, coffee, and other fruits	1.23	1.54	1.19	1.42	18.64	23.30	31.23	37.25	18.23	22.80	30.55	36.44	17.84	22.30	29.89	35.65	17.45	21.82	29.24	34.88	17.07	21.35	28.61	34.12	16.70	20.88	27.99	33.38	16.34	20.43	27.38	32.66	15.99	19.99	26.79	31.95	15.64	19.56	26.21	31.26	15.30	19.13	25.64	30.58	14.97	18.72	25.09	29.92
4	Pineapples	1.22	1.62	1.18	1.48	16.59	21.94	27.80	34.70	16.23	21.47	27.20	33.95	15.88	21.00	26.61	33.22	15.53	20.55	26.03	32.50	15.20	20.10	25.46	31.79	14.87	19.67	24.91	31.10	14.55	19.24	24.37	30.43	14.23	18.82	23.84	29.77	13.92	18.42	23.33	29.12	13.62	18.02	22.82	28.49	13.33	17.63	22.33	27.87
5	Flowers and nursery products	1.23	1.50	1.20	1.40	22.01	26.85	37.09	43.33	21.53	26.27	36.28	42.39	21.07	25.70	35.50	41.48	20.61	25.14	34.73	40.58	20.16	24.60	33.98	39.70	19.73	24.07	33.24	38.84	19.30	23.54	32.52	38.00	18.88	23.03	31.81	37.17	18.47	22.53	31.12	36.37	18.07	22.05	30.45	35.58	17.68	21.57	29.79	34.81
6	Other crops	1.15	1.50	1.13	1.39	16.51	21.40	28.02	34.33	16.15	20.93	27.41	33.58	15.80	20.48	26.82	32.85	15.46	20.04	26.24	32.14	15.12	19.60	25.67	31.45	14.80	19.18	25.11	30.76	14.47	18.76	24.57	30.10	14.16	18.36	24.03	29.44	13.85	17.96	23.51	28.81	13.55	17.57	23.00	28.18	13.26	17.19	22.51	27.57
7	Animal production	1.37	1.76	1.32	1.61	14.11	18.14	23.54	28.73	13.80	17.74	23.03	28.11	13.50	17.36	22.53	27.50	13.21	16.98	22.04	26.90	12.93	16.61	21.56	26.32	12.65	16.25	21.10	25.75	12.37	15.90	20.64	25.19	12.10	15.56	20.19	24.65	11.84	15.22	19.75	24.11	11.58	14.89	19.33	23.59	11.33	14.57	18.91	23.08
8	Aquaculture	1.75	2.35	1.66	2.11	10.62	14.27	17.43	22.14	10.39	13.96	17.06	21.66	10.17	13.66	16.69	21.19	9.95	13.37	16.32	20.73	9.73	13.08	15.97	20.29	9.52	12.79	15.62	19.85	9.31	12.51	15.29	19.42	9.11	12.24	14.95	18.99	8.91	11.98	14.63	18.58	8.72	11.72	14.31	18.18	8.53	11.46	14.00	17.79
9	Commercial fishing	1.48	2.17	1.10	1.24	11.45	16.83	53.76	60.70	11.21	16.47	52.60	59.38	10.96	16.11	51.46	58.09	10.73	15.76	50.34	56.84	10.49	15.42	49.25	55.60	10.27	15.08	48.18	54.40	10.04	14.76	47.14	53.22	9.83	14.44	46.12	52.07	9.61	14.12	45.12	50.94	9.40	13.82	44.14	49.83	9.20	13.52	43.18	48.75
10	Forestry & logging	1.33	1.69	1.21	1.28	20.05	25.45	119.29	126.26	19.61	24.90	116.71	123.52	19.19	24.36	114.18	120.85	18.77	23.83	111.70	118.23	18.37	23.31	109.28	115.67	17.97	22.81	106.91	113.16	17.58	22.31	104.60	110.71	17.20	21.83	102.33	108.31	16.82	21.36	100.11	105.96	16.46	20.89	97.94	103.66	16.10	20.44	95.82	101.41
11	Support activities for agriculture	1.17	1.49	1.07	1.26	25.67	32.64	29.40	34.85	20.41	26.06	28.76	34.05	19.97	25.49	28.14	33.27	19.54	24.94	27.54	32.53	19.11	24.40	26.93	31.75	18.70	23.87	26.35	31.02	18.29	23.36	25.78	30.31	17.90	22.85	25.22	29.61	17.51	22.35	24.67	30.92	17.13	21.87	24.14	30.25	16.76	21.40	23.62	29.59
12	Mining	1.94	4.03	1.69	3.04	8.58	17.83	14.93	26.85	8.30	17.24	14.43	25.97	8.02	16.67	13.96	25.11	7.76	16.12	13.50	24.28	7.50	15.59	13.05	23.48	7.25	15.07	12.62	22.70	7.02	14.57	12.20	21.95	6.78	14.09	11.80	21.23	6.56	13.63	11.41	20.52	6.34	13.18	11.03	19.85	6.13	12.74	10.67	19.19
13	Single family construction	1.76	2.48	1.78	2.52	8.00	11.29	10.32	14.56	7.74	10.92	9.97	14.07	7.48	10.56	9.64	13.61	7.23	10.21	9.33	13.16	7.00	9.87	9.02	12.73	6.76	9.54	8.72	12.30	6.54	9.23	8.43	11.90	6.32	8.92	8.15	11.50	6.12	8.63	7.88	11.12	5.91	8.34	7.62	10.76	5.72	8.07	7.37	10.40
14	Construction of other buildings	1.60	2.36	1.65	2.42	8.98	13.27	11.77	17.30	8.68	12.83	11.38	16.73	8.40	12.41	11.00	16.17	8.12	12.00	10.64	15.64	7.85	11.60	10.29	15.12	7.59	11.22	9.95	14.62	7.34	10.85	9.62	14.14	7.10	10.49	9.30	13.67	6.86	10.14	8.99	13.22	6.64	9.81	8.70	12.78	6.42	9.48	8.41	12.36
15	Heavy and civil engineering construction	1.39	2.34	1.44	2.40	12.35	20.80	16.25	27.14	11.95	20.11	15.71	26.24	11.55	19.44	15.19	25.38	11.17	18.80	14.69	24.54	10.80	18.18	14.21	23.73	10.44	17.58	13.74	22.94	10.10	17.00	13.28	22.18	9.76	16.44	12.84	21.45	9.44	15.89	12.42	20.74	9.13	15.37	12.01	20.06	8.83	14.86	11.61	19.39
16	Maintenance & repairs	1.67	2.65	1.71	2.70	8.37	13.28	10.90	17.24	8.09	12.84	10.54	16.67	7.83	12.42	10.19	16.12	7.57	12.01	9.86	15.59	7.32	11.61	9.53	15.07	7.07	11.23	9.22	14.57	6.84	10.86	8.91	14.09	6.62	10.50	8.62	13.63	6.40	10.15	8.33	13.18	6.19	9.82	8.06	12.74	5.98	9.49	7.79	12.32
17	Food processing	1.90	2.46	2.24	2.91	12.59	16.29	15.81	20.58	12.37	16.00	15.53	20.21	12.15	15.71	15.25	19.86	11.93	15.43	14.98	19.50	11.72	15.16	14.72	19.16	11.51	14.89	14.46	18.82	11.31	14.63	14.20	18.49	11.11	14.37	13.95	18.16	10.91	14.11	13.70	17.84	10.72	13.86	13.46	17.52	10.53	13.62	13.22	17.21
18	Beverage manufacturing	2.25	3.10	2.07	2.53	8.34	11.46	9.89	13.91	8.11	11.14	9.62	13.53	7.89	10.83	9.35	13.15	7.67	10.53	9.09	12.78	7.45	10.24	8.84	12.43	7.25	9.95	8.59	12.08	7.04	9.68	8.35	11.75	6.85	9.41	8.12	11.42	6.66	9.14	7.89	11.10	6.47	8.89	7.67	10.79	6.29	8.64	7.46	10.49
19	Apparel and textile manufacturing	1.21	1.53	1.20	1.49	15.18	19.08	21.34	26.37	14.76	18.55	20.75	25.64	14.35	18.04	20.17	24.92	13.95	17.53	19.61	24.23	13.56	17.05	19.07	23.56	13.19	16.57	18.54	22.90	12.82	16.11	18.02	22.26	12.46	15.66	17.52	21.64	12.12	15.23	17.03	21.04	11.78	14.80	16.56	20.46	11.45	14.39	16.10	19.89
20	Petroleum manufacturing	3.74	6.19	4.55	7.65	1.26	2.09	1.56	2.63	1.23	2.03	1.52	2.56	1.19	1.97	1.48	2.49	1.16	1.92	1.44	2.42	1.13	1.86	1.40	2.35	1.10	1.81	1.36	2.28	1.06	1.76	1.32	2.22	1.04	1.71	1.28	2.16	1.01	1.67	1.25	2.10	0.98	1.62	1.21	2.04	0.95	1.57	1.18	1.98
21	Other manufacturing	1.52	2.27	1.51	2.23	8.24	12.27	10.88	16.07	8.01	11.93	10.58	15.62	7.79	11.59	10.28	15.19	7.57	11.27	9.99	14.77	7.36	10.96	9.72	14.36	7.16	10.65	9.45	13.96	6.96	10.36	9.18	13.57	6.76	10.07	8.93	13.19	6.58	9.79	8.68	12.82	6.40	9.51	8.44	12.47	6.21	9.25	8.20	12.12
22	Air transportation	1.99	2.83	2.19	3.27	8.73	12.41	9.69	14.44	8.49	12.07	9.42	14.04	8.25	11.74	9.16	13.65	8.03	11.41	8.91	13.28	7.80	11.10	8.66	12.91	7.59	10.79	8.42	12.56	7.38	10.50	8.19	12.21	7.18	10.21	7.96	11.87	6.98	9.93	7.74	11.54	6.79	9.65	7.53	11.23	6.60	9.39	7.32	10.92
23	Water transportation	6.52	9.36	7.14	10.60	8.44	12.12	9.77	14.51	8.21	11.78	9.50	14.11	7.98	11.46	9.24	13.72	7.76	11.14	8.99	13.34	7.55	10.83	8.74	12.98	7.34	10.53	8.50	12.62	7.14	10.24	8.26	12.27	6.94	9.96	8.04	11.93	6.75	9.69	7.81	11.60	6.56	9.42	7.60	11.28	6.38	9.16	7.39	10.97
24	Truck and rail transportation	1.30	1.77	1.36	1.92	13.77	18.71	15.52	21.88	13.39	18.19	15.09	21.28	13.02	17.68	14.67	20.68	12.66	17.20	14.27	20.12	12.31	16.73	13.88	19.57	11.97	16.26	13.49	19.03	11.64	15.82	13.12	18.50	11.32	15.38	12.76	17.99	11.01	14.95	12.41	17.50	10.70	14.54	12.06	17.01	10.41	14.14	11.73	16.55
25	Transit and ground passenger transportation	1.27	1.53	1.19	1.38	19.35	23.42	33.14	38.38	18.82	22.77	32.22	37.32	18.30	22.14	31.33	36.29	17.79	21.53	30.47	35.29	17.30	20.94	29.63	34.32	16.83	20.36	28.81	33.37	16.36	19.80	28.02	32.45	15.91	19.25	27.24	31.56	15.47	18.72	26.49	30.69	15.04	18.20	25.76	29.84	14.63	17.70	25.05	29.02
26	Scenic and support activities for transportation	1.13	1.61	1.16	1.75	13.32	19.01	14.35	21.69	12.95	18.48	13.96	21.09	12.59	17.97	13.57	20.51	12.25	17.48	13.20	19.94	11.91	16.99	12.84	19.39	11.58	16.52	12.48	18.86	11.26	16.07	12.14	18.34	10.95	15.63	11.80	17.83	10.65	15.19	11.48	17.34	10.35	14.78	11.16	16.86	10.07	14.37	10.85	16.40
27	Couriers and messengers	1.18	1.60	1.17	1.58	12.42	16.79	15.91	21.55	12.08	16.33	15.47	20.96	11.74	15.88	15.04	20.38	11.42	15.44	14.63	19.82	11.11	15.02	14.23	19.27	10.80	14.60	13.83	18.74	10.50	14.20	13.45	18.22	10.21	13.81	13.08	17.72	9.93	13.43	12.72	17.23	9.66	13.06	12.37	16.76	9.39	12.70	12.03	16.29
28	Warehousing and storage	1.17	1.55	1.21	1.62	14.55	19.71	17.94	24.09	14.54	19.17	17.45	23.42	14.14	18.64	16.97	22.78	13.75	18.13	16.50	22.15	13.37	17.63	16.04	21.54	13.00	17.14	15.60	20.94	12.64	16.67	15.17	20.37	12.29	16.21	14.75	19.83	11.95	15.76	14.35	19.26	11.62	15.33	13.95	18.73	11.30	14.90	13.56	18.21
29	Publishing (include Internet)	1.12	1.85	1.15	1.96	7.61	12.52	8.88	15.21	7.47	12.29	8.72	14.93	7.34	12.06	8.56	14.65	7.20	11.84	8.40	14.38	7.07	11.62	8.24	14.11	6.94	11.40	8.09	13.85	6.81	11.19	7.94	13.60	6.68	10.99	7.80	13.35	6.56	10.78	7.65	13.10	6.44	10.58	7.51	12.86	6.32	10.39	7.37	12.62
30	Motion picture and sound recording industries	1.18	1.44	1.22	1.51	16.03	19.53	18.59	23.10	15.74	19.17	18.25	22.67	15.45	18.81	17.91	22.26	15.16	18.47	17.58	21.84	14.88	18.13	17.25	21.44	14.60	17.79	16.94	21.04	14.33	17.46	16.62	20.66	14.07	17.14	16.32	20.27	13.81	16.82	16.01	19.90	13.55	16.51	15.72	19.53	13.30	16.21	15.43	19.17
31	Broadcasting (Radio, TV, Cable)	1.26	2.08	1.33	2.31	12.03	19.86	13.68	23.79	11.81	19.49	13.43	23.35	11.59	19.13	13.18	22.91	11.37	18.78	12.94	22.49	11.16	18.43	12.70	22.08	10.96	18.09	12.46	21.67	10.76	17.76	12.23	21.27	10.56	17.43	12.01	20.87	10.36	17.11	11.79	20.49	10.17	16.79	11.57	20.11	9.98	16.48	11.35	19.74
32	Telecommunications	1.50	2.26	1.62	2.52	5.63	8.45	6.51	10.14	5.53	8.30	6.38	9.96	5.43	8.14	6.27	9.77	5.33	7.99	6.15	9.59	5.23	7.85	6.04	9.41	5.13	7.70	5.93	9.24	5.04	7.56	5.82	9.07	4.94	7.42	5.71	8.90	4.85	7.28	5.60	8.74	4.76	7.15	5.50	8.58	4.67	7.02	5.40	8.42
33	Internet providers, web, and data processing	1.62	2.33	1.67	2.44	9.66	13.93	12.00	17.50	9.49	13.67	11.78	17.18	9.31	13.42	11.56	16.86	9.14	13.17	11.35	16.55	8.97	12.93	11.14	16.25	8.80	12.69	10.94	15.95	8.64	12.45	10.73	15.65	8.48	12.22	10.54	15.36	8.32	12.00	10.34	15.08	8.17	11.78	10.15	14.80	8.02	11.56	9.96	14.53
34	Other information services	1.64	2.22	1.52	1.99	11.36	15.36	16.81	21.97	11.15	15.08	16.50	21.57	10.94	14.80	16.19	21.17	10.74	14.53	15.90	20.78	10.54	14.26	15.60	20.39	10.35	14.00	15.31	20.02	10.16	13.74	15.03	19.65	9.97	13.48	14.75	19.28	9.79	13.23	14.48	18.93	9.60	12.99	14.21	18.58	9.43	12.75	13.95	18.24
35	Utilities	1.76	2.91	2.03	3.49	3.42	5.64	3.97	6.84	3.32	5.48	3.86	6.64	3.22	5.32	3.75	6.45	3.13	5.17	3.64	6.27	3.04	5.02	3.54	6.09	2.95	4.87	3.44	5.91	2.87	4.74	3.34	5.74	2.79	4.60	3.24	5.58	2.71	4.47	3.15	5.42	2.63	4.34	3.06	5.26	2.56	4.22	2.97	5.11
36	Wholesale trade	1.36	1.92	1.40	1.99	9.78	13.82	12.15	17.36	9.45	13.35	11.73	16.77	9.13	12.90	11.33	16.20	8.82	12.46	10.95	15.65	8.52	12.04	10.58	15.12	8.23	11.63	10.22	14.60	7.95	11.23	9.87	14.11	7.68	10.85	9.54	13.63	7.42	10.48	9.21	13.17	7.17	10.13	8.90	12.72	6.92	9.78	8.60	12.29
37	Retail trade	1.17	1.49	1.20	1.53	15.11	19.28	19.31	24.68	14.66	18.70	18.74	23.94	14.23	18.14	18.18	23.23	13.80	17.60	17.64	22.54	13.39	17.08	17.11	21.87	12.99	16.57	16.60	21.22	12.61	16.08	16.11	20.59	12.23	15.60	15.63	19.97	11.87	15.13	15.16	19.38	11.51	14.68	14.71	18.80	11.17	14.25	14.27	18.24
38	Credit intermediation and related activities	1.75	2.64	2.11	3.18	7.01	10.57	9.03	13.62	6.78	10.22	8.73	13.17	6.56	9.89	8.45	12.74	6.34	9.56	8.17	12.32	6.13	9.25	7.90	11.92	5.93	8.94	7.64	11.53	5.74	8.65	7.39	11.15	5.55	8.37	7.15	10.78	5.37	8.09	6.91	10.43	5.19	7.83	6.69	10.08	5.02	7.57	6.47	9.75
39	Insurance carriers and related activities	1.84	2.80	1.92	2.82	8.75	13.31	12.60	18.48	8.46	12.88	12.18	17.88	8.18	12.45	11.78	17.29	7.92	12.04	11.40	16.72	7.66	11.65	11.02	16.17	7.40	11.27	10.66	15.64	7.16	10.90	10.31	15.13	6.93	10.54	9.97	14.63	6.70	10.19	9.64	14.15	6.48	9.86	9.33	13.69	6.27	9.53	9.02	13.24
40	Other finance and insurance	1.46	2.98	1.20	1.63	6.62	13.53	24.83	33.75	6.40	13.09	24.01	32.64	6.19	12.66	23.22	31.57	5.99	12.24	22.46	30.53	5.79	11.84	21.72	29.53	5.60	11.45	21.01	28.56	5.42	11.08	20.32	27.62	5.24	10.71	19.65	26.71	5.07	10.36	19.00	25.83	4.90	10.02	18.38	24.99	4.74	9.69	17.78	24.16
41	Owner-occupied dwellings	NA	NA	NA	NA	2.83	3.92	3.59	5.00	2.75	3.81	3.49	4.86	2.67	3.71	3.40	4.73	2.60	3.60	3.30	4.60	2.53	3.50	3.21	4.47	2.46	3.41	3.12	4.35	2.39	3.31	3.04	4.23	2.32	3.22	2.95	4.11	2.26	3.13	2.87	4.00	2.20	3.05	2.79	3.89	2.14	2.96	2.72	3.78
42	Real estate	2.89	4.26	1.78	2.28	3.91	5.76	8.59	10.98	3.80	5.60	8.35	10.68	3.69	5.45	8.12	10.38	3.59	5.30	7.90	10.10	3.49	5.15	7.68	9.82	3.40	5.01	7.47	9.55	3.30	4.87	7.26	9.29	3.21	4.74	7.06	9.03	3.12	4.61	6.87	8.78	3.04	4.48	6.68	8.54	2.95	4.36	6.49	8.30
43	Rental and leasing	1.78	2.37	1.88	2.55	9.73	12.99	11.93	16.12	9.46	12.63	11.60	15.68	9.20	12.28	11.28	15.25	8.95	11.94	10.97	14.83	8.70	11.61	10.67	14.42	8.46	11.29	10.37	14.02	8.23	10.98	10.09	13.63	8.00	10.68	9.81	13.26	7.78	10.38	9.54	12.89	7.57	10.10	9.27	12.54	7.36	9.82	9.02	12.19
44	Legal services	1.33	2.27	1.29	2.01	9.19	15.69	15.03	23.41	8.88	15.16	14.51	22.61	8.57	14.64	14.02	21.84	8.28	14.14	13.54	21.09	8.00	13.65	13.07	20.37	7.72	13.19	12.63	19.67	7.46	12.74	12.19	19.00	7.20	12.30	11.78	18.35	6.96	11.88	11.37	17.72	6.72	11.47	10.99	17.12	6.49	11.08	10.61	16.53
45	Architectural and engineering services	1.35	2.28	1.32	2.03	8.85	15.01	14.60	22.55	8.55	14.49	14.10	21.77	8.25	14.00	13.62	21.03	7.97	13.52	13.16	20.31	7.70	13.06	12.71	19.62	7.44	12.61	12.27	18.95	7.18	12.18	11.85	18.30	6.94	11.76	11.45	17.67	6.70	11.36	11.05	17.07	6.47	10.97	10.68	16.48	6.25	10.60	10.31	15.92
46	Computer systems design services	1.50	2.44	1.41	2.13	9.39	15.32	14.93	22.57	9.07	14.79	14.42	21.80	8.76	14.29	13.93	21.05	8.46	13.80	13.45	20.33	8.17	13.33	12.99	19.64	7.89	12.87	12.55	18.97	7.62	12.43	12.12	18.32	7.36	12.01	11.70	17.69	7.11	11.60	11.30	17.09	6.87	11.20	10.92	16.50	6.63	10.82	10.54	15.94
47	R&D in the physical, engineering, & life sciences	1.46	2.43	1.40	2.15	7.30	12.19	11.83	18.13	7.05	11.77	11.42	17.51	6.81	11.37	11.03	16.91	6.58	10.98	10.65	16.33	6.35	10.61	10.29	15.77	6.14	10.24	9.94	15.23	5.93	9.89	9.60	14.71	5.72	9.55	9.27	14.21	5.53	9.23	8.95	13.72	5.34	8.91	8.65	13.25	5.16	8.61	8.35	12.80
48	Other professional services	1.44	2.08	1.37	1.86	12.69	18.33	20.37	27.64	12.25	17.70	19.67	26.70	11.83	17.09	19.00	25.78	11.43	16.51	18.35	24.90	11.04	15.94	17.72	24.05	10.66	15.40	17.11	23.23	10.30	14.87	16.53	22.43	9.94	14.36	15.96	21.67	9.60	13.87	15.42	20.92	9.27	13.40	14.89	20.21	8.96	12.94	14.38	19.52
49	Management of companies and enterprises	1.34	2.12	1.50	2.46	11.00	17.37	12.81	21.02	10.68	16.86	12.43	20.41	10.37	16.37	12.07	19.81	10.06	15.89	11.71	19.23	9.77	15.42	11.37	18.66	9.48	14.97	11.04	18.12	9.20	14.53	10.71	17.59	8.93	14.11	10.40	17.07	8.67	13.69	10.09	16.57	8.42	13.29	9.80	16.08	8.17	12.90	9.51	15.61
50	Travel arrangement and reservation services	1.33	1.78	1.35	1.82	15.40	20.71	19.73	26.58	14.95	20.11	19.15	25.80	14.51	19.52	18.59	25.05	14.09	18.94	18.04	24.31	13.67	18.39	17.52	23.60	13.27	17.85	17.00	22.91	12.88	17.33	16.50	22.23	12.51	16.82	16.02	21.58	12.14	16.32	15.55	20.95	11.78	15.85	15.09	20.33	11.44	15.38	14.65	19.74
51	Administrative and support services	1.12	1.39	1.12	1.41	25.96	32.35	32.77	41.02	25.20	31.40	31.81	39.82	24.46	30.48	30.88	38.65	23.74	29.59	29.97

Direct Requirements Table

Code	01	02	03	04	05	06	07	08	09	010	011	012	013	014	015	016	017	018	019	020	021	022	023	024	025	026	027	028	029	030	031	032	033	034	035	036	037	038	039	040	041	042	043	044	045	046	047	048	049	050	051	052	053	054	055	056	057	058	059	060	061	062	063	064	065	066	067	TOE (Enl sector)
01	Sugarcane	0.74081	0.00000	0.00000	0.00000

2003 Type I Total Requirements Table

Industry	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63	64
01 Sugarcane	1.01486	0.00217	0.00013	0.00034	0.00010	0.00008	0.00008	0.00422	0.00015	0.00022	0.00023	0.00011	0.00026	0.00025	0.00027	0.00023	0.00005	0.00042	0.00022	0.00003	0.00006	0.00012	0.00004	0.00007	0.00010	0.00018	0.00009	0.00004	0.00008	0.00018	0.00004	0.00008	0.00010	0.00005	0.00010	0.00004	0.00005	0.00003	0.00005	0.00004	0.00005	0.00004	0.00012	0.00015	0.00008	0.00009	0.00042	0.00014	0.00010	0.00014	0.00010
02 Beet crops	0.00213	1.00202	0.00013	0.00034	0.00010	0.00008	0.00008	0.00422	0.00015	0.00022	0.00023	0.00011	0.00026	0.00025	0.00027	0.00023	0.00005	0.00042	0.00022	0.00003	0.00006	0.00012	0.00004	0.00007	0.00010	0.00018	0.00009	0.00004	0.00008	0.00018	0.00004	0.00008	0.00010	0.00005	0.00010	0.00004	0.00005	0.00003	0.00005	0.00004	0.00005	0.00004	0.00012	0.00015	0.00008	0.00009	0.00042	0.00014	0.00010	0.00014	0.00010
03 Miscellaneous nuts, coffee, and other fruits	0.00213	0.00002	1.00013	0.00034	0.00001	0.00001	0.00165	0.00295	0.00002	0.00001	0.00010	0.00002	0.00003	0.00002	0.00002	0.00002	0.00002	0.00002	0.00002	0.00791	0.00262	0.00010	0.00001	0.00004	0.00005	0.00006	0.00007	0.00002	0.00003	0.00004	0.00004	0.00010	0.00002	0.00002	0.00001	0.00004	0.00002	0.00001	0.00001	0.00001	0.00001	0.00001	0.00001	0.00001	0.00001	0.00001	0.00001	0.00001	0.00002	0.00002	0.00002	0.00002	0.00002	0.00002

2002 Type II Total Requirements Table

Industry	001	002	003	004	005	006	007	008	009	010	011	012	013	014	015	016	017	018	019	020	021	022	023	024	025	026	027	028	029	030	031	032	033	034	035	036	037	038	039	040	041	042	043	044	045	046	047	048	049	050	051	052	053	054	055	056	057	058	059	060	061	062	063	064	
001 Sugarcane	1.07007	0.00062	0.00065	0.00064	0.00064	0.00063	0.00063	0.00463	0.00078	0.00081	0.00098	0.00115	0.00063	0.00074	0.00122	0.00078	0.00096	0.00057	0.00095	0.00074	0.00451	0.00054	0.00057	0.00052	0.00055	0.00074	0.00066	0.00058	0.00057	0.00057	0.00063	0.00036	0.00059	0.00055	0.00063	0.00058	0.00049	0.00056	0.00081	0.00079	0.00048	0.00074	0.00079	0.00064