



MEMORANDUM

To: Ruth Fernandez, Contra Costa Local Planning Council for Child Care and Development

From: Joanne Brion, Brion & Associates and Michelle Nilsson, Nilsson Consulting

Subject: IMPLAN Analysis for Child Care Services in Contra Costa County

Date: March 21, 2013

The following analysis presents an economic impact multiplier analysis of the child care industry in Contra Costa County for 2013. This information is based on the dollar amount of activity in the county related to child care field, including parent fees or tuition, public subsidies for child care, and agencies that provide child care related services in the County.

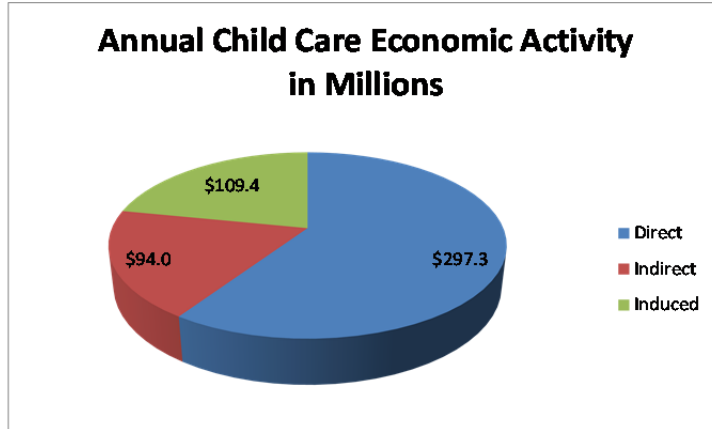
The economic and employment effects of the child care industry on the local economy are based on the use of IMPLAN Version 3.0[®] software and data for Contra Costa County, California. Input/Output or multiplier analyses are generally prepared at the County level, as the IMPLAN model is structured at the county level. This study analyzes benefits and impacts of the child care industry for Contra Costa County's economy.

Summary of Findings

This section summarizes the key findings of the IMPLAN analysis for Contra Costa County.

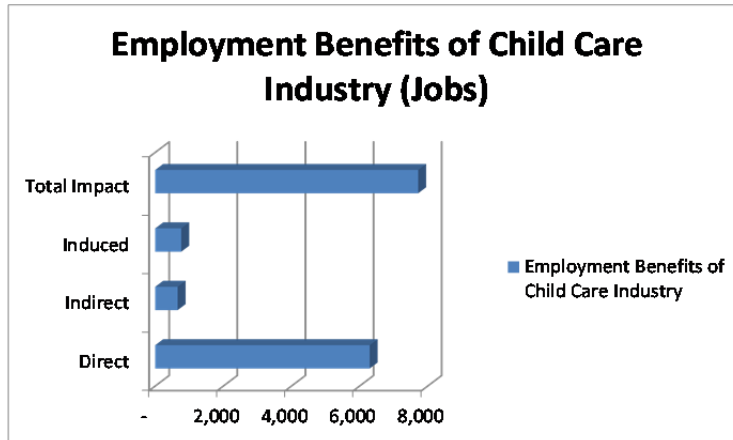
1. As shown in **Exhibit 1**, in 2012, there is \$297.3 million spent annually on child care in Contra Costa County. This spending creates an additional impact of \$203.3 million in the local economy, for a total impact of \$500.7 million, as shown in **Table S-1**.
2. Total direct spending is comprised of \$211.3 million in parent fees (71%), \$73 million in child care subsidies (25%) and \$13 million in child care related agency spending (4%) (see **Table 3**).
3. For every \$1 spent in the County on child care, an additional \$0.68 is generated in additional spending (see **Table S-1**).

Exhibit 1.



4. Based on the economic input/output analysis conducted for this study, this 2012 expenditure of \$297.3 million supported 7,721 total jobs countywide (see **Exhibit 2**).
5. For every direct job in child care, an extra 0.23 jobs are created in the local economy (see **Table S-1**).
6. These jobs, in turn, support employment in other sectors, principally securities, commodity contracts, investments, and related activities and food services and drinking places (see **Table 6**).
7. The dollars spent on child care impact the overall output of other sectors, principally securities, and commodity contracts, investments, and related activities, followed by real estate establishments (see **Table 7**).

Exhibit 2



The detailed results by industry sector are discussed below and provided in **Appendix A**.

Table S-1
Summary of Economic Benefits - Input/Output Analysis
Contra Costa County Economic Impact Report - 2012

Regional Economic Impacts	Economic Multiplier Analysis				Net Economic Impact	Multiplier Effect (1)
	Direct	Indirect	Induced	Total Impact		
<i>(in millions of dollars or total jobs)</i>						
Child Care Annual Operations Benefits						
Revenue in Local Economy	\$297.3	\$94.0	\$109.4	\$500.7	\$203.3	\$0.68
Percent Distribution	59%	19%	22%	100%		
Permanent Annual Jobs	6,297	659	765	7,721	1,424	0.23
Percent Distribution		10%	12%		23%	

*Note: This analysis uses the IMPLAN input/output model data for Contra Costa County as of 2010.
 The analysis uses the gross dollar volume of activity in the child care industry as the "input".
 The results estimate the economic multiplier effect of the child care industry on the Contra Costa County economy.*

(1) For every \$1 in direct spending an additional X dollars is generated;
 for every one new direct job, an additional X job are generated.

Sources: 2010 Minnesota IMPLAN Group, Inc.; Local Planning Council for Child Care and Development, Contra Costa County; Brion & Associates.

Economic Impacts of Child Care Industry

Table 1 summarizes the results of the economic multiplier analysis and discusses the approach, assumptions, and methodology used.

Overview of Economic Multiplier Analysis

The magnitude of the potential economic impact of any industry sector is in direct relation to the complexity of the local economy and the presence of the goods and services the industry sector requires. If a county does not have the goods and services required for a particular industry, this will lessen the economic impact. Manufacturing usually has a higher multiplier effect than services or retail because it requires more resource and labor inputs. There are 440 industry sectors in the IMPLAN model for Contra Costa County. We based our calculations for this analysis on the Child Day Care Services sector. The analysis reports economic activity in two ways:

- **Economic Effects** or Output: all economic activity including commodity inputs, labor income, property income, and other components.

- **Employment:** the number of jobs supported annually as a result of each impact.
- **Direct Effects** represent the economic response for a given industry of final demand for that same industry, such as a change in employment.¹ The multiplier impacts of each impact include direct, indirect, and induced impacts.
- **Indirect Effects** represent the economic response by all local industries caused by the new industry purchasing from other industries. For example, the number of jobs and other impacts that are generated throughout Contra Costa County when the child care industry must purchase goods and labor in order to provide services.
- **Induced Effects** represent the economic response of all local industries in Contra Costa County caused by the expenditures of new household income generated by the direct and indirect effects of final demand for a given industry. These induced impacts most typically occur in retail and other local-serving industry categories such as education, health care, and personal services.
- **Total** is the total multiplier effect of a given economic activity, which is the sum of the direct, indirect, and induced effects. It represents the entire response of final demand.

In this analysis, two types of benefits are provided – output and employment. This analysis measures how every dollar spent or generated by the child care industry creates an additional economic benefit in the County.

Direct Impacts of Child Care Industry

This analysis calculates the multiplier impact based on industry output and employment. The impact is run on IMPLAN Professional for the child care sector. **Table 1** shows a list of subsidized child care and agency expenditures on child care in Contra Costa County. **Table 2** shows the weekly cost of child care by type of child care and estimates annual expenditures on child care based on spaces and occupancy. It is estimated that \$297.3 million is spent annually in the child care industry in Contra Costa County, as shown below in **Table 3**. About 25% of this amount comes from child care subsidies, 4% from child care agency and organization budgets,

¹ The set of expenditures applied to the predictive model (i.e., I/O multipliers) for impact analysis. It is a series (or single) of production changes or expenditures made by producers/consumers as a result of an activity or policy. Applying these initial changes to the multipliers in an IMPLAN model will then display how the region will respond, economically, to these initial changes.

and the remaining 71% from families in the form of child care fees. This \$297.3 million is the direct input used to estimate the economic impact of the child care industry. The results are discussed below and shown in detailed tables the **Appendix** of this report.

Table 1
Summary of Child Care
Contra Costa County Economic Impact Report -2012

Item	Annual Funding (Most Recent Year)	Agency Source
Child Care Subsidies		
ASES	\$10,290,190	After School Division, CA Dept. of Ed.
Early Head Start	\$ 3,036,100	Emp. & Human Services Dept., Community Services Bureau
Head Start	\$17,395,008	Emp. & Human Services Dept., Community Services Bureau
21 st Century	\$1,186,286	After School Division, CA Dept. of Ed.
CSPP	\$20,008,913	Contra Costa Local Planning Council for Child Care and Dev.
CCTR	\$3,197,017	Contra Costa Local Planning Council for Child Care and Dev.
CALWORKS 2	\$8,561,775	Contra Costa Local Planning Council for Child Care and Dev.
CaLWORKS 3	\$4,270,613	Contra Costa Local Planning Council for Child Care and Dev.
CAPP	\$4,544,091	Contra Costa Local Planning Council for Child Care and Dev.
CRRP	\$462,616	Contra Costa Local Planning Council for Child Care and Dev.
PACE-APP	\$2,135,758	Childhood Education Alternative Payment Program
Licensed School Age	\$350,000	Contra Costa Local Planning Council for Child Care and Dev.
AB212	\$305,045	Contra Costa Local Planning Council for Child Care and Dev.
Monument Corridor Grant Voucher	\$95,000	Contra Costa Child Care Council
Local Child Care Affordability Funds	<u>\$250,000</u>	Contra Costa Child Care Council
Total Subsidies	\$73,052,312	
Agency Budgets		
Local Planning Council	\$56,647	Contra Costa Local Planning Council for Child Care and Dev.
First 5	\$7,015,309	First 5 Contra Costa County
Local First 5 / Longs PMD Voucher	\$1,811,450	Contra Costa Child Care Council
Child Care Council	<u>\$4,120,113</u>	Contra Costa Child Care Council
Total Agency Budgets	\$13,003,519	
TOTAL	\$86,055,831	

Sources: California Dept. of Education, Contra Costa Child Care Council; Contra Costa Local Planning Council for Child Care and Development; First 5; PACEAPP; Brion & Associates.

Indirect and Induced Economic Activity

Our analysis finds that, for every dollar spent on in the child care industry, another \$0.68 is spent in the local Contra Costa County economy. We estimate, therefore, that the \$297.3 million spent on child care generates an additional \$203.3 million in economic activity (see **Table 4**).

Table 2
Estimated Annual Child Care Gross Revenues -Non-Subsidized Parent Fees- 2012
Contra Costa County Needs Assessment-2012

	Type of Care			Total, All Types of Care
	Infant Care	Preschool Age	School-Age	
Average Child Care Weekly Fees				
Licensed Family Child Care Provider Homes	\$160	\$151	\$127	na
Licensed Centers	\$236	\$169	\$141	na
Occupied Supply of Child Care Supply (Subsidized and Non-Subsidized)				
Family Child Care Provider Homes (1)	2,031	3,108	1,077	6,216
Child Care Centers	2,485	14,854	6,804	24,144
Other School Age (2)	-	-	<u>3,454</u>	<u>3,454</u>
Total Supply of Child Care	4,516	17,962	11,336	33,814
Estimated Parent Fees per Year				
Licensed Family Child Care Provider Homes	\$16,933,661	\$24,483,602	\$7,095,870	\$48,513,133
Licensed Centers	\$30,469,811	\$130,397,216	\$49,715,900	\$210,582,927
Other School Age (2)	\$0	\$0	\$25,234,967	\$25,234,967
Total Child Care Annual Fees	\$47,403,472	\$154,880,818	\$82,046,737	\$284,331,027
Percent Distribution	17%	54%	29%	100%
Subsidized Care in Value (see Table 1)				\$73,052,312
Adjusted Gross Annual Child Care Parent Fees				\$211,278,715

(1) Calculates vacancy rates as of Jan. 2013 for FCCHs of 45.0% and vacancies for centers at 14.0%

(2) Assumes other school age programs have same vacancy rate as child care centers.

All subsidized school age spaces are accounted for in the value of subsidized care, including 21st Century/ASES and Pace.

Sources: Contra Costa Child Care Council; Contra Costa Local Planning Council for Child Care and Development; First 5; PACEAPP; Brion & Associates.

Table 3
Total Gross Economic Activity Related to Child Care
Contra Costa County Economic Impact Report -2012

Type of Expenditure	Amount	Percent Distribution
Private Child Care Fees per Year	\$211,278,715	71%
State and Federal Child Care Subsidies	\$73,052,312	25%
Local Child Care Agencies (1)	\$13,003,519	4%
Total Direct Expenditures on Child Care	\$297,334,545	100%

(1) Includes Local Planning County, First 5 and other public agencies with budgets that serve children related to child care.

Sources: Contra Costa Child Care Council; Contra Costa Local Planning Council for Child Care and Development; First 5; PACEAPP; Brion & Associates.

This \$203.3 million represents \$94.0 million in indirect effects and \$109.4 million in induced effects. Together with the \$297.3 million in direct effects, the indirect and induced economic activity produces a total impact on the local economy of \$500.7 million. For every direct dollar spent in the child care industry, another \$0.68 is generated in the broader county economy.

Further, our IMPLAN analysis finds that the \$297.3 million spent annually in the child care sector produces 6,297 jobs directly. This produces an additional 659 indirect jobs and 765 induced jobs. Therefore, every direct job in child care generates an additional 0.23 jobs in Contra Costa County, for a total of 7,721 jobs based on child care spending in 2012 (see **Table 4**).

Table 5 summarizes the direct, indirect, induced, and total effects of the child care industry on output, employment, labor income, and total value added. Labor income is considered to be all forms of employment income, including Employee Compensation (wages and benefits) and Proprietor Income.² We estimate these effects at \$168.6 million of direct labor income and \$235.8 million of total income.

²Definition of labor income is from the IMPLAN Group website's glossary. <http://implan.com>.

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 Child Care Industry in
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Table 4
Summary of Economic Benefits - Input/Output Analysis
Contra Costa County Economic Impact Report - 2013

Regional Economic Impacts	Economic Multiplier Analysis				Net Economic Impact	Multiplier Effect (1)
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<i>(in millions of dollars or total jobs)</i>						
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The results estimate the economic multiplier effect of the child care industry on the Contra Costa County economy.

(1) For every \$1 in direct spending an additional X dollars is generated;
 for every one new direct job, an additional X job are generated.

Sources: 2010 Minnesota IMPLAN Group, Inc.; Local Planning Council for Child Care and Development, Contra Costa County; Brion & Associates.

The top ten industries affected by employment in the child care industry are listed in **Table 6**. After child care, securities, commodity contracts, investments and related activities and food services and drinking places receive the greatest benefit, followed by real estate establishments and employment services.

The top ten industries affected by output in the child care industry are listed in **Table 7**. After child care, securities, commodity contracts, investments and related activities receive the greatest benefit followed by real estate establishments and imputed rental activity for owner-occupied dwellings.

The ripple effects of the child care industry in Contra Costa County affect numerous other industries and have a significant impact on the County's economy.

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Table 5
Impact Summary of Effects of Child Care Services on Contra Costa County Economy
Contra Costa County Economic Impact Report - 2012

ImpactType	Annual Benefits of Child Care Industry by Type							
	Total Output		Total Employment		Labor Income		Total Value Added	
	Amount	Percent	Amount	Percent	Amount	Percent	Amount	Percent
	<i>(in millions of dollars or total jobs)</i>							
Direct Effect	\$297.3	59%	6,297	82%	\$168.6	57%	\$207.7	70%
Indirect Effect	\$94.0	19%	659	9%	\$29.0	31%	\$51.5	55%
Induced Effect	\$109.4	22%	765	10%	\$38.2	35%	\$69.9	64%
Total Effect	\$500.7	100%	7,721	100%	\$235.8	47%	\$329.1	66%

Sources: 2010 Minnesota IMPLAN Group, Inc.; Local Planning Council for Child Care and Development, Contra Costa County; Brion & Associates.

Table 6
Top Ten Industries Affected by Employment in Child Care Industry in Jobs
Contra Costa County Economic Impact Report - 2012

Sector	Description	Annual Benefits			
		Total Employment	Total Labor Income	Total Value Added	Total Output
		<i>(figures rounded to nearest \$1000)</i>			
399	Child day care services	6,309	\$168,944,000	\$208,100,000	\$297,922,000
356	Securities, commodity contracts, investments, and related activities	206	\$6,222,000	\$6,951,000	\$29,127,000
413	Food services and drinking places (1)	134	\$3,378,000	\$4,879,000	\$8,515,000
360	Real estate establishments	128	\$1,938,000	\$16,748,000	\$22,201,000
382	Employment services	67	\$2,892,000	\$3,138,000	\$3,689,000
388	Services to buildings and dwellings	51	\$1,398,000	\$1,712,000	\$3,079,000
394	Offices of physicians, dentists, and other health practitioners	47	\$4,032,000	\$4,144,000	\$6,287,000
324	Retail Stores - Food and beverage	29	\$1,198,000	\$1,561,000	\$2,069,000
354	Monetary authorities and depository credit intermediation activities	27	\$2,425,000	\$8,450,000	\$11,750,000
329	Retail Stores - General merchandise	27	\$854,000	\$1,447,000	\$1,820,000

(1) This label is from the SIC code lists used by the federal government; it includes all establishments that serve food and beverages.
 Sources: 2010 Minnesota IMPLAN Group, Inc.; Brion & Associates.

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Table 7
Top Ten Industries Affected by Child Care Related Output in Dollars
Contra Costa County Economic Impact Report - 2012

Sector	Description	Annual Benefits			
		Total Employment	Total Labor Income	Total Total Value Added	Total Output
<i>(figures rounded to nearest \$1000)</i>					
399	Child day care services	6,309	\$168,944,000	\$208,100,000	\$297,922,000
356	Securities, commodity contracts, investments, and related activities	206	\$6,222,000	\$6,951,000	\$29,127,000
360	Real estate establishments	128	\$1,938,000	\$16,748,000	\$22,201,000
361	Imputed rental activity for owner-occupied dwellings	0	\$0	\$10,175,000	\$15,385,000
354	Monetary authorities and depository credit intermediation activities	27	\$2,425,000	\$8,450,000	\$11,750,000
413	Food services and drinking places (1)	134	\$3,378,000	\$4,879,000	\$8,515,000
351	Telecommunications	13	\$1,552,000	\$4,683,000	\$8,175,000
394	Offices of physicians, dentists, and other health practitioners	47	\$4,032,000	\$4,144,000	\$6,287,000
397	Private hospitals	24	\$3,733,000	\$3,970,000	\$5,570,000
115	Petroleum refineries	0	\$160,000	\$1,180,000	\$5,322,000

(1) This label is from the SIC code lists used by the federal government; it includes all establishments that serve food and beverages.
 Sources: 2010 Minnesota IMPLAN Group, Inc.; Brion & Associates.

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Appendix A: Economic Multiplier – Input/Output Analysis Tables

Table A-1
Estimated Total Output of Child Care Services on Contra Costa County Economy
Contra Costa County Economic Impact Report - 2012

Sector	Description	Direct	Indirect	Induced	Total
0	Total	\$297,334,531	\$93,972,664	\$109,366,636	\$500,673,831
1	Oilseed farming	\$0	\$0	\$0	\$0
2	Grain farming	\$0	\$16	\$85	\$102
3	Vegetable & melon farming	\$0	\$154	\$11,855	\$12,009
4	Fruit farming	\$0	\$9	\$171	\$180
5	Tree nut farming	\$0	\$142	\$1,551	\$1,692
6	Greenhouse, nursery, & floriculture production	\$0	\$96	\$1,576	\$1,672
7	Tobacco farming	\$0	\$0	\$0	\$0
8	Cotton farming	\$0	\$0	\$0	\$0
9	Sugarcane & sugar beet farming	\$0	\$0	\$0	\$0
10	All other crop farming	\$0	\$1,943	\$1,280	\$3,223
11	Cattle ranching & farming	\$0	\$7	\$76	\$83
12	Dairy cattle & milk production	\$0	\$539	\$389	\$927
13	Poultry & egg production	\$0	\$8	\$427	\$435
14	Animal production, except cattle & poultry & eggs	\$0	\$37	\$700	\$737
15	Forestry, forest products, & timber tract production	\$0	\$1,824	\$274	\$2,099
16	Commercial logging	\$0	\$0	\$0	\$0
17	Commercial Fishing	\$0	\$0	\$0	\$0
18	Commercial hunting & trapping	\$0	\$0	\$2,809	\$2,809
19	Support activities for agriculture & forestry	\$0	\$520	\$4,665	\$5,185
20	Extraction of oil & natural gas	\$0	\$28,236	\$45,425	\$73,661
21	Mining coal	\$0	\$556	\$517	\$1,073
22	Mining iron ore	\$0	\$0	\$0	\$0
23	Mining copper, nickel, lead, & zinc	\$0	\$0	\$0	\$0
24	Mining gold, silver, & other metal ore	\$0	\$0	\$0	\$0
25	Mining & quarrying stone	\$0	\$232	\$142	\$374
26	Mining & quarrying s&L, gravel, clay, & ceramic & refractory minerals	\$0	\$7,993	\$1,212	\$9,206
27	Mining & quarrying other nonmetallic minerals	\$0	\$424	\$270	\$694
28	Drilling oil & gas wells	\$0	\$0	\$0	\$0
29	Support activities for oil & gas operations	\$0	\$444	\$689	\$1,133
30	Support activities for other mining	\$0	\$1,385	\$595	\$1,980
31	Electric power generation, transmission, & distribution	\$0	\$380,496	\$383,502	\$763,999
32	Natural gas distribution	\$0	\$515,614	\$821,226	\$1,336,841
33	Water, sewage & other treatment & delivery systems	\$0	\$531,899	\$319,855	\$851,754
34	Construction of new nonresidential commercial & health care structures	\$0	\$0	\$0	\$0
35	Construction of new nonresidential mfg structures	\$0	\$0	\$0	\$0
36	Construction of other new nonresidential structures	\$0	\$0	\$0	\$0
37	Construction of new residential permanent site single- & multi-family structures	\$0	\$0	\$0	\$0
38	Construction of other new residential structures	\$0	\$0	\$0	\$0
39	Maintenance & repair construction of nonresidential structures	\$0	\$2,079,892	\$462,908	\$2,542,800
40	Maintenance & repair construction of residential structures	\$0	\$53,479	\$508,093	\$561,572
41	Dog & cat food mfg	\$0	\$0	\$1,104	\$1,105
42	Other animal food mfg	\$0	\$0	\$0	\$0
43	Flour milling & malt mfg	\$0	\$0	\$0	\$0
44	Wet corn milling	\$0	\$2,594	\$5,009	\$7,603
45	Soybean & other oilseed processing	\$0	\$0	\$0	\$0
46	Fats & oils refining & blending	\$0	\$4,733	\$18,068	\$22,801
47	Breakfast cereal mfg	\$0	\$0	\$0	\$0
48	Sugar cane mills & refining	\$0	\$1,137	\$21,524	\$22,661
49	Beet sugar mfg	\$0	\$0	\$0	\$0
50	Chocolate & confectionery mfg from cacao beans	\$0	\$113	\$211	\$324
51	Confectionery mfg from purchased chocolate	\$0	\$13	\$67	\$80
52	Nonchocolate confectionery mfg	\$0	\$25	\$379	\$404
53	Frozen food mfg	\$0	\$1,319	\$16,568	\$17,887
54	Fruit & vegetable canning, pickling, & drying	\$0	\$8,492	\$3,143	\$11,635
55	Fluid milk & butter mfg	\$0	\$197,498	\$103,303	\$300,800
56	Cheese mfg	\$0	\$0	\$0	\$0
57	Dry, condensed, & evaporated dairy product mfg	\$0	\$0	\$0	\$0
58	Ice cream & frozen dessert mfg	\$0	\$22,054	\$3,399	\$25,452
59	Animal (except poultry) slaughtering, rendering, & processing	\$0	\$0	\$0	\$0
60	Poultry processing	\$0	\$0	\$0	\$0
61	Seafood product preparation & packaging	\$0	\$0	\$0	\$0
62	Bread & bakery product mfg	\$0	\$12,011	\$15,077	\$27,089
63	Cookie, cracker, & pasta mfg	\$0	\$213	\$172	\$385
64	Tortilla mfg	\$0	\$47	\$2,112	\$2,158
65	Snack food mfg	\$0	\$0	\$0	\$0
66	Coffee & tea mfg	\$0	\$0	\$0	\$0
67	Flavoring syrup & concentrate mfg	\$0	\$421	\$1,666	\$2,087
68	Seasoning & dressing mfg	\$0	\$893	\$2,436	\$3,329
69	All other food mfg	\$0	\$3,291	\$2,128	\$5,419
70	Soft drink & ice mfg	\$0	\$10,382	\$296,102	\$306,484
71	Breweries	\$0	\$171	\$9,896	\$10,067
72	Wineries	\$0	\$92	\$1,787	\$1,879
73	Distilleries	\$0	\$0	\$0	\$0
74	Tobacco product mfg	\$0	\$0	\$0	\$0
75	Fiber, yarn, & thread mills	\$0	\$0	\$0	\$0
76	Broadwoven fabric mills	\$0	\$0	\$0	\$0
77	Narrow fabric mills & schiffli machine embroidery	\$0	\$0	\$0	\$0
78	Nonwoven fabric mills	\$0	\$0	\$0	\$0
79	Knit fabric mills	\$0	\$0	\$0	\$0
80	Textile & fabric finishing mills	\$0	\$48	\$562	\$609
81	Fabric coating mills	\$0	\$0	\$0	\$0
82	Carpet & rug mills	\$0	\$0	\$0	\$0
83	Curtain & linen mills	\$0	\$9	\$251	\$260
84	Textile bag & canvas mills	\$0	\$38	\$157	\$195
85	All other textile product mills	\$0	\$72	\$418	\$490
86	Apparel knitting mills	\$0	\$0	\$0	\$0
87	Cut & sew apparel contractors	\$0	\$70	\$187	\$257
88	Mens & boys cut & sew apparel mfg	\$0	\$23	\$3,864	\$3,887

Table A-1
Estimated Total Output of Child Care Services on Contra Costa County Economy
Contra Costa County Economic Impact Report - 2012

Sector	Description	Direct	Indirect	Induced	Total
89	Womens & girls cut & sew apparel mfg	\$0	\$20	\$8,632	\$8,652
90	Other cut & sew apparel mfg	\$0	\$32	\$3,208	\$3,240
91	Apparel accessories & other apparel mfg	\$0	\$0	\$0	\$0
92	Leather & hide tanning & finishing	\$0	\$0	\$0	\$0
93	Footwear mfg	\$0	\$0	\$0	\$0
94	Other leather & allied product mfg	\$0	\$36	\$222	\$259
95	Sawmills & wood preservation	\$0	\$59,317	\$4,569	\$63,885
96	Veneer & plywood mfg	\$0	\$0	\$0	\$0
97	Engineered wood member & truss mfg	\$0	\$0	\$0	\$0
98	Reconstituted wood product mfg	\$0	\$0	\$0	\$0
99	Wood windows & doors & millwork mfg	\$0	\$10,176	\$2,262	\$12,438
100	Wood container & pallet mfg	\$0	\$7,136	\$12,372	\$19,509
101	Manufactured home (mobile home) mfg	\$0	\$0	\$0	\$0
102	Prefabricated wood building mfg	\$0	\$0	\$0	\$0
103	All other miscellaneous wood product mfg	\$0	\$0	\$0	\$0
104	Pulp mills	\$0	\$0	\$0	\$0
105	Paper mills	\$0	\$348	\$795	\$1,143
106	Paperboard Mills	\$0	\$0	\$0	\$0
107	Paperboard container mfg	\$0	\$8,687	\$1,585	\$10,272
108	Coated & laminated paper, packaging paper & plastics film mfg	\$0	\$0	\$0	\$0
109	All other paper bag & coated & treated paper mfg	\$0	\$0	\$0	\$0
110	Stationery product mfg	\$0	\$137	\$330	\$468
111	Sanitary paper product mfg	\$0	\$0	\$0	\$0
112	All other converted paper product mfg	\$0	\$78	\$390	\$468
113	Printing	\$0	\$117,596	\$55,433	\$173,028
114	Support activities for printing	\$0	\$525	\$315	\$840
115	Petroleum refineries	\$0	\$1,934,900	\$3,387,527	\$5,322,427
116	Asphalt paving mixture & block mfg	\$0	\$22,242	\$9,777	\$32,019
117	Asphalt shingle & coating materials mfg	\$0	\$0	\$0	\$0
118	Petroleum lubricating oil & grease mfg	\$0	\$38,954	\$27,547	\$66,502
119	All other petroleum & coal products mfg	\$0	\$4,910	\$5,641	\$10,551
120	Petrochemical mfg	\$0	\$0	\$0	\$0
121	Industrial gas mfg	\$0	\$363	\$1,320	\$1,683
122	Synthetic dye & pigment mfg	\$0	\$0	\$0	\$0
123	Alkalies & chlorine mfg	\$0	\$1,382	\$1,948	\$3,330
124	Carbon black mfg	\$0	\$0	\$0	\$0
125	All other basic inorganic chemical mfg	\$0	\$548	\$1,190	\$1,738
126	Other basic organic chemical mfg	\$0	\$2,811	\$1,967	\$4,777
127	Plastics material & resin mfg	\$0	\$0	\$0	\$0
128	Synthetic rubber mfg	\$0	\$0	\$0	\$0
129	Artificial & synthetic fibers & filaments mfg	\$0	\$0	\$0	\$0
130	Fertilizer mfg	\$0	\$73	\$167	\$241
131	Pesticide & other agricultural chemical mfg	\$0	\$0	\$0	\$0
132	Medicinal & botanical mfg	\$0	\$1	\$4	\$4
133	Pharmaceutical preparation mfg	\$0	\$16	\$31,082	\$31,098
134	In-vitro diagnostic substance mfg	\$0	\$814	\$8,355	\$9,169
135	Biological product (except diagnostic) mfg	\$0	\$0	\$0	\$0
136	Paint & coating mfg	\$0	\$0	\$0	\$0
137	Adhesive mfg	\$0	\$2,563	\$2,154	\$4,717
138	Soap & cleaning compound mfg	\$0	\$6,499	\$13,047	\$19,546
139	Toilet preparation mfg	\$0	\$89	\$4,260	\$4,350
140	Printing ink mfg	\$0	\$233	\$126	\$358
141	All other chemical product & preparation mfg	\$0	\$3,053	\$2,232	\$5,284
142	Plastics packaging materials & unlaminated film & sheet mfg	\$0	\$353	\$209	\$562
143	Unlaminated plastics profile shape mfg	\$0	\$403	\$219	\$622
144	Plastics pipe & pipe fitting mfg	\$0	\$0	\$0	\$0
145	Laminated plastics plate, sheet (except packaging), & shape mfg	\$0	\$0	\$0	\$0
146	Polystyrene foam product mfg	\$0	\$0	\$0	\$0
147	Urethane & other foam product (except polystyrene) mfg	\$0	\$50	\$135	\$185
148	Plastics bottle mfg	\$0	\$429	\$364	\$792
149	Other plastics product mfg	\$0	\$2,608	\$983	\$3,591
150	Tire mfg	\$0	\$0	\$0	\$0
151	Rubber & plastics hoses & belting mfg	\$0	\$0	\$0	\$0
152	Other rubber product mfg	\$0	\$7	\$19	\$26
153	Pottery, ceramics, & plumbing fixture mfg	\$0	\$23	\$53	\$76
154	Brick, tile, & other structural clay product mfg	\$0	\$499	\$252	\$751
155	Clay & nonclay refractory mfg	\$0	\$0	\$0	\$0
156	Flat glass mfg	\$0	\$0	\$0	\$0
157	Other pressed & blown glass & glassware mfg	\$0	\$5	\$55	\$60
158	Glass container mfg	\$0	\$25	\$16	\$40
159	Glass product mfg made of purchased glass	\$0	\$32	\$311	\$343
160	Cement mfg	\$0	\$0	\$0	\$0
161	Ready-mix concrete mfg	\$0	\$28,299	\$5,585	\$33,884
162	Concrete pipe, brick, & block mfg	\$0	\$0	\$0	\$0
163	Other concrete product mfg	\$0	\$7,913	\$1,795	\$9,708
164	Lime & gypsum product mfg	\$0	\$31,929	\$6,559	\$38,488
165	Abrasive product mfg	\$0	\$0	\$0	\$0
166	Cut stone & stone product mfg	\$0	\$242	\$908	\$1,150
167	Ground or treated mineral & earth mfg	\$0	\$1,993	\$1,509	\$3,502
168	Mineral wool mfg	\$0	\$0	\$0	\$0
169	Miscellaneous nonmetallic mineral product mfg	\$0	\$0	\$0	\$0
170	Iron & steel mills & ferroalloy mfg	\$0	\$38,881	\$10,575	\$49,456
171	Steel product mfg from purchased steel	\$0	\$418	\$130	\$548
172	Alumina refining & primary aluminum production	\$0	\$0	\$0	\$0
173	Secondary smelting & alloying of aluminum	\$0	\$0	\$0	\$0
174	Aluminum product mfg from purchased aluminum	\$0	\$0	\$0	\$0
175	Primary smelting & refining of copper	\$0	\$0	\$0	\$0
176	Primary smelting & refining of nonferrous metal (except copper & aluminum)	\$0	\$0	\$0	\$0
177	Copper rolling, drawing, extruding & alloying	\$0	\$0	\$0	\$0

Table A-1
Estimated Total Output of Child Care Services on Contra Costa County Economy
Contra Costa County Economic Impact Report - 2012

Sector	Description	Direct	Indirect	Induced	Total
178	Nonferrous metal (except copper & aluminum) rolling, drawing, extruding & alloying	\$0	\$0	\$0	\$0
179	Ferrous metal foundries	\$0	\$8	\$5	\$13
180	Nonferrous metal foundries	\$0	\$36	\$36	\$72
181	All other forging, stamping, & sintering	\$0	\$0	\$0	\$0
182	Custom roll forming	\$0	\$0	\$0	\$0
183	Crown & closure mfg & metal stamping	\$0	\$171	\$156	\$327
184	Cutlery, utensil, pot, & pan mfg	\$0	\$0	\$0	\$0
185	H&tool mfg	\$0	\$19	\$79	\$99
186	Plate work & fabricated structural product mfg	\$0	\$3,356	\$995	\$4,351
187	Ornamental & architectural metal products mfg	\$0	\$8,819	\$1,719	\$10,537
188	Power boiler & heat exchanger mfg	\$0	\$0	\$0	\$0
189	Metal tank (heavy gauge) mfg	\$0	\$29	\$36	\$65
190	Metal can, box, & other metal container (light gauge) mfg	\$0	\$858	\$1,360	\$2,219
191	Ammunition mfg	\$0	\$0	\$0	\$0
192	Arms, ordnance, & accessories mfg	\$0	\$0	\$0	\$0
193	Hardware mfg	\$0	\$0	\$0	\$0
194	Spring & wire product mfg	\$0	\$83	\$80	\$163
195	Machine shops	\$0	\$201	\$197	\$399
196	Turned product & screw, nut, & bolt mfg	\$0	\$52	\$42	\$94
197	Coating, engraving, heat treating & allied activities	\$0	\$287	\$404	\$692
198	Valve & fittings other than plumbing mfg	\$0	\$1,260	\$373	\$1,633
199	Plumbing fixture fitting & trim mfg	\$0	\$0	\$0	\$0
200	Ball & roller bearing mfg	\$0	\$0	\$0	\$0
201	Fabricated pipe & pipe fitting mfg	\$0	\$413	\$129	\$542
202	Other fabricated metal mfg	\$0	\$1,309	\$899	\$2,208
203	Farm machinery & equipment mfg	\$0	\$0	\$0	\$0
204	Lawn & garden equipment mfg	\$0	\$0	\$0	\$0
205	Construction machinery mfg	\$0	\$8	\$4	\$12
206	Mining & oil & gas field machinery mfg	\$0	\$10	\$8	\$18
207	Other industrial machinery mfg	\$0	\$54	\$117	\$171
208	Plastics & rubber industry machinery mfg	\$0	\$0	\$0	\$0
209	Semiconductor machinery mfg	\$0	\$31	\$18	\$49
210	Vending, commercial, industrial, & office machinery mfg	\$0	\$18	\$29	\$48
211	Optical instrument & lens mfg	\$0	\$11	\$72	\$84
212	Photographic & photocopying equipment mfg	\$0	\$0	\$0	\$0
213	Other commercial & service industry machinery mfg	\$0	\$5	\$29	\$35
214	Air purification & ventilation equipment mfg	\$0	\$65	\$30	\$95
215	Heating equipment (except warm air furnaces) mfg	\$0	\$494	\$1,212	\$1,706
216	Air conditioning, refrigeration, & warm air heating equipment mfg	\$0	\$1,086	\$467	\$1,553
217	Industrial mold mfg	\$0	\$100	\$40	\$140
218	Metal cutting & forming machine tool mfg	\$0	\$1	\$3	\$4
219	Special tool, die, jig, & fixture mfg	\$0	\$0	\$0	\$0
220	Cutting tool & machine tool accessory mfg	\$0	\$1	\$1	\$2
221	Rolling mill & other metalworking machinery mfg	\$0	\$0	\$0	\$0
222	Turbine & turbine generator set units mfg	\$0	\$0	\$0	\$0
223	Speed changer, industrial high-speed drive, & gear mfg	\$0	\$0	\$0	\$0
224	Mechanical power transmission equipment mfg	\$0	\$0	\$0	\$0
225	Other engine equipment mfg	\$0	\$0	\$0	\$0
226	Pump & pumping equipment mfg	\$0	\$74	\$88	\$162
227	Air & gas compressor mfg	\$0	\$4	\$6	\$10
228	Material h&l equipment mfg	\$0	\$63	\$95	\$158
229	Power-driven h&tool mfg	\$0	\$0	\$0	\$0
230	Other general purpose machinery mfg	\$0	\$8	\$7	\$15
231	Packaging machinery mfg	\$0	\$1	\$1	\$2
232	Industrial process furnace & oven mfg	\$0	\$0	\$0	\$0
233	Fluid power process machinery mfg	\$0	\$31	\$14	\$45
234	Electronic computer mfg	\$0	\$76	\$469	\$545
235	Computer storage device mfg	\$0	\$0	\$0	\$0
236	Computer terminals & other computer peripheral equipment mfg	\$0	\$6	\$11	\$17
237	Telephone apparatus mfg	\$0	\$80	\$139	\$220
238	Broadcast & wireless communications equipment mfg	\$0	\$90	\$601	\$691
239	Other communications equipment mfg	\$0	\$54	\$22	\$76
240	Audio & video equipment mfg	\$0	\$8	\$56	\$64
241	Electron tube mfg	\$0	\$19	\$20	\$39
242	Bare printed circuit board mfg	\$0	\$0	\$0	\$0
243	Semiconductor & related device mfg	\$0	\$27	\$31	\$57
244	Electronic capacitor, resistor, coil, transformer, & other inductor mfg	\$0	\$28	\$19	\$48
245	Electronic connector mfg	\$0	\$0	\$0	\$0
246	Printed circuit assembly (electronic assembly) mfg	\$0	\$21	\$45	\$66
247	Other electronic component mfg	\$0	\$18	\$26	\$44
248	Electromedical & electrotherapeutic apparatus mfg	\$0	\$0	\$2,989	\$2,990
249	Search, detection, & navigation instruments mfg	\$0	\$0	\$2	\$3
250	Automatic environmental control mfg	\$0	\$7	\$7	\$14
251	Industrial process variable instruments mfg	\$0	\$196	\$186	\$382
252	Totalizing fluid meters & counting devices mfg	\$0	\$0	\$0	\$0
253	Electricity & signal testing instruments mfg	\$0	\$3	\$4	\$7
254	Analytical laboratory instrument mfg	\$0	\$1,988	\$1,989	\$3,976
255	Irradiation apparatus mfg	\$0	\$0	\$11	\$11
256	Watch, clock, & other measuring & controlling device mfg	\$0	\$27	\$196	\$223
257	Software, audio, & video media for reproduction	\$0	\$387	\$176	\$562
258	Magnetic & optical recording media mfg	\$0	\$0	\$0	\$0
259	Electric lamp bulb & part mfg	\$0	\$0	\$0	\$0
260	Lighting fixture mfg	\$0	\$405	\$401	\$806
261	Small electrical appliance mfg	\$0	\$0	\$0	\$0
262	Household cooking appliance mfg	\$0	\$0	\$0	\$0
263	Household refrigerator & home freezer mfg	\$0	\$0	\$0	\$0
264	Household laundry equipment mfg	\$0	\$0	\$0	\$0
265	Other major household appliance mfg	\$0	\$0	\$0	\$0
266	Power, distribution, & specialty transformer mfg	\$0	\$3	\$2	\$5

Table A-1
Estimated Total Output of Child Care Services on Contra Costa County Economy
Contra Costa County Economic Impact Report - 2012

Sector	Description	Direct	Indirect	Induced	Total
267	Motor & generator mfg	\$0	\$30	\$27	\$57
268	Switchgear & switchboard apparatus mfg	\$0	\$25	\$6	\$31
269	Relay & industrial control mfg	\$0	\$0	\$0	\$0
270	Storage battery mfg	\$0	\$0	\$0	\$0
271	Primary battery mfg	\$0	\$0	\$0	\$0
272	Communication & energy wire & cable mfg	\$0	\$487	\$153	\$640
273	Wiring device mfg	\$0	\$96	\$59	\$154
274	Carbon & graphite product mfg	\$0	\$0	\$0	\$0
275	All other miscellaneous electrical equipment & component mfg	\$0	\$88	\$183	\$271
276	Automobile mfg	\$0	\$0	\$0	\$0
277	Light truck & utility vehicle mfg	\$0	\$0	\$0	\$0
278	Heavy duty truck mfg	\$0	\$0	\$0	\$0
279	Motor vehicle body mfg	\$0	\$8	\$14	\$22
280	Truck trailer mfg	\$0	\$0	\$0	\$0
281	Motor home mfg	\$0	\$0	\$0	\$0
282	Travel trailer & camper mfg	\$0	\$0	\$0	\$0
283	Motor vehicle parts mfg	\$0	\$646	\$638	\$1,284
284	Aircraft mfg	\$0	\$0	\$0	\$0
285	Aircraft engine & engine parts mfg	\$0	\$1	\$3	\$4
286	Other aircraft parts & auxiliary equipment mfg	\$0	\$0	\$0	\$0
287	Guided missile & space vehicle mfg	\$0	\$0	\$0	\$0
288	Propulsion units & parts for space vehicles & guided missiles mfg	\$0	\$0	\$0	\$0
289	Railroad rolling stock mfg	\$0	\$0	\$0	\$0
290	Ship building & repairing	\$0	\$0	\$2	\$3
291	Boat building	\$0	\$1	\$94	\$96
292	Motorcycle, bicycle, & parts mfg	\$0	\$977	\$895	\$1,872
293	Military armored vehicle, tank, & tank component mfg	\$0	\$0	\$0	\$0
294	All other transportation equipment mfg	\$0	\$0	\$0	\$0
295	Wood kitchen cabinet & countertop mfg	\$0	\$3,977	\$4,119	\$8,096
296	Upholstered household furniture mfg	\$0	\$5	\$3,067	\$3,072
297	Nonupholstered wood household furniture mfg	\$0	\$0	\$543	\$543
298	Metal & other household furniture mfg	\$0	\$1	\$261	\$262
299	Institutional furniture mfg	\$0	\$44	\$9	\$53
300	Office Furniture	\$0	\$0	\$278	\$278
301	Custom architectural woodwork & millwork mfg	\$0	\$3	\$6	\$9
302	Showcase, partition, shelving, & locker mfg	\$0	\$287	\$326	\$613
303	Mattress mfg	\$0	\$42	\$8,227	\$8,269
304	Blind & shade mfg	\$0	\$134	\$1,234	\$1,368
305	Surgical & medical instrument, laboratory & medical instrument mfg	\$0	\$14	\$1,972	\$1,986
306	Surgical appliance & supplies mfg	\$0	\$200	\$7,002	\$7,202
307	Dental equipment & supplies mfg	\$0	\$84	\$2,331	\$2,415
308	Ophthalmic goods mfg	\$0	\$0	\$1,111	\$1,111
309	Dental laboratories mfg	\$0	\$0	\$2,422	\$2,422
310	Jewelry & silverware mfg	\$0	\$3	\$266	\$269
311	Sporting & athletic goods mfg	\$0	\$83	\$154	\$236
312	Doll, toy, & game mfg	\$0	\$0	\$0	\$0
313	Office supplies (except paper) mfg	\$0	\$29,646	\$1,125	\$30,771
314	Sign mfg	\$0	\$3,604	\$1,662	\$5,266
315	Gasket, packing, & sealing device mfg	\$0	\$74	\$91	\$166
316	Musical instrument mfg	\$0	\$0	\$0	\$0
317	All other miscellaneous mfg	\$0	\$5,292	\$7,207	\$12,498
318	Broom, brush, & mop mfg	\$0	\$0	\$0	\$0
319	Wholesale trade businesses	\$0	\$724,164	\$2,794,992	\$3,519,156
320	Retail Stores - Motor vehicle & parts	\$0	\$21,393	\$1,673,971	\$1,695,364
321	Retail Stores - Furniture & home furnishings	\$0	\$5,827	\$443,079	\$448,906
322	Retail Stores - Electronics & appliances	\$0	\$8,534	\$561,649	\$570,183
323	Retail Stores - Building material & garden supply	\$0	\$14,645	\$697,757	\$712,401
324	Retail Stores - Food & beverage	\$0	\$31,212	\$2,038,040	\$2,069,252
325	Retail Stores - Health & personal care	\$0	\$11,267	\$717,367	\$728,634
326	Retail Stores - Gasoline stations	\$0	\$6,557	\$686,594	\$693,152
327	Retail Stores - Clothing & clothing accessories	\$0	\$14,302	\$988,230	\$1,002,532
328	Retail Stores - Sporting goods, hobby, book & music	\$0	\$6,210	\$425,249	\$431,458
329	Retail Stores - General merchandise	\$0	\$27,484	\$1,792,421	\$1,819,905
330	Retail Stores - Miscellaneous	\$0	\$11,508	\$753,875	\$765,383
331	Retail Nonstores - Direct & electronic sales	\$0	\$15,116	\$1,357,882	\$1,372,998
332	Transport by air	\$0	\$17,928	\$34,730	\$52,658
333	Transport by rail	\$0	\$13,998	\$13,555	\$27,554
334	Transport by water	\$0	\$8,940	\$159,359	\$168,299
335	Transport by truck	\$0	\$380,781	\$564,162	\$944,944
336	Transit & ground passenger transportation	\$0	\$162,316	\$315,070	\$477,385
337	Transport by pipeline	\$0	\$20,306	\$37,036	\$57,342
338	Scenic & sightseeing transportation & support activities for transportation	\$0	\$147,674	\$174,406	\$322,080
339	Couriers & messengers	\$0	\$439,365	\$313,184	\$752,549
340	Warehousing & storage	\$0	\$44,196	\$52,135	\$96,331
341	Newspaper publishers	\$0	\$196,947	\$183,801	\$380,748
342	Periodical publishers	\$0	\$59,837	\$31,889	\$91,727
343	Book publishers	\$0	\$2,464	\$9,099	\$11,563
344	Directory, mailing list, & other publishers	\$0	\$55,829	\$39,800	\$95,629
345	Software publishers	\$0	\$129,018	\$46,776	\$175,794
346	Motion picture & video industries	\$0	\$705,207	\$254,207	\$959,414
347	Sound recording industries	\$0	\$1,495	\$9,387	\$10,882
348	Radio & television broadcasting	\$0	\$115,300	\$62,287	\$177,587
349	Cable & other subscription programming	\$0	\$16,349	\$10,786	\$27,136
350	Internet publishing & broadcasting	\$0	\$14,150	\$6,935	\$21,086
351	Telecommunications	\$0	\$4,587,054	\$3,587,865	\$8,174,919
352	Data processing, hosting, ISP, web search portals & related services	\$0	\$165,907	\$335,208	\$501,115
353	Other information services	\$0	\$55,451	\$54,457	\$109,908
354	Monetary authorities & depository credit intermediation activities	\$0	\$5,982,605	\$5,767,098	\$11,749,703
355	Nondepository credit intermediation & related activities	\$0	\$866,193	\$1,391,690	\$2,257,883

Table A-1
Estimated Total Output of Child Care Services on Contra Costa County Economy
Contra Costa County Economic Impact Report - 2012

Sector	Description	Direct	Indirect	Induced	Total
356	Securities, commodity contracts, investments, & related activities	\$0	\$24,937,330	\$4,189,378	\$29,126,708
357	Insurance carriers	\$0	\$1,703,285	\$2,858,151	\$4,561,436
358	Insurance agencies, brokerages, & related activities	\$0	\$1,105,838	\$1,077,383	\$2,183,221
359	Funds, trusts, & other financial vehicles	\$0	\$183,821	\$1,312,409	\$1,496,229
360	Real estate establishments	\$0	\$14,459,114	\$7,741,428	\$22,200,542
361	Imputed rental activity for owner-occupied dwellings	\$0	\$0	\$15,385,461	\$15,385,461
362	Automotive equipment rental & leasing	\$0	\$30,574	\$44,968	\$75,542
363	General & consumer goods rental except video tapes & discs	\$0	\$27,125	\$139,523	\$166,647
364	Video tape & disc rental	\$0	\$0	\$19,445	\$19,445
365	Commercial & industrial machinery & equipment rental & leasing	\$0	\$187,876	\$71,612	\$259,488
366	Lessors of nonfinancial intangible assets	\$0	\$253,519	\$169,663	\$423,181
367	Legal services	\$0	\$1,319,002	\$1,536,142	\$2,855,145
368	Accounting, tax preparation, bookkeeping, & payroll services	\$0	\$1,885,119	\$572,508	\$2,457,627
369	Architectural, engineering, & related services	\$0	\$1,514,450	\$364,250	\$1,878,700
370	Specialized design services	\$0	\$59,255	\$39,764	\$99,018
371	Custom computer programming services	\$0	\$153,532	\$44,974	\$198,506
372	Computer systems design services	\$0	\$594,756	\$166,839	\$761,595
373	Other computer related services, including facilities management	\$0	\$500,453	\$143,447	\$643,900
374	Management, scientific, & technical consulting services	\$0	\$2,294,942	\$636,109	\$2,931,051
375	Environmental & other technical consulting services	\$0	\$482,501	\$135,831	\$618,332
376	Scientific research & development services	\$0	\$80,995	\$403,226	\$484,221
377	Advertising & related services	\$0	\$1,018,235	\$470,284	\$1,488,518
378	Photographic services	\$0	\$951	\$52,159	\$53,109
379	Veterinary services	\$0	\$212	\$230,593	\$231,205
380	All other miscellaneous professional, scientific, & technical services	\$0	\$412,728	\$138,254	\$550,982
381	Management of companies & enterprises	\$0	\$978,186	\$481,816	\$1,460,002
382	Employment services	\$0	\$3,053,948	\$635,023	\$3,688,971
383	Travel arrangement & reservation services	\$0	\$52,920	\$188,163	\$241,083
384	Office administrative services	\$0	\$956,911	\$210,184	\$1,167,095
385	Facilities support services	\$0	\$165,808	\$38,661	\$204,469
386	Business support services	\$0	\$224,425	\$120,517	\$344,942
387	Investigation & security services	\$0	\$406,998	\$200,868	\$607,866
388	Services to buildings & dwellings	\$0	\$2,242,481	\$836,192	\$3,078,673
389	Other support services	\$0	\$146,315	\$79,360	\$225,675
390	Waste management & remediation services	\$0	\$669,859	\$490,734	\$1,160,593
391	Private elementary & secondary schools	\$0	\$0	\$611,475	\$611,475
392	Private junior colleges, colleges, universities, & professional schools	\$0	\$965	\$718,202	\$719,166
393	Other private educational services	\$0	\$8,463	\$716,845	\$725,308
394	Offices of physicians, dentists, & other health practitioners	\$0	\$3	\$6,287,468	\$6,287,471
395	Home health care services	\$0	\$0	\$584,634	\$584,634
396	Medical & diagnostic labs & outpatient & other ambulatory care services	\$0	\$440	\$2,178,677	\$2,179,116
397	Private hospitals	\$0	\$4	\$5,570,162	\$5,570,166
398	Nursing & residential care facilities	\$0	\$0	\$1,730,465	\$1,730,465
399	Child day care services	\$297,334,531	\$0	\$587,648	\$297,922,179
400	Individual & family services	\$0	\$0	\$651,411	\$651,411
401	Community food, housing, & other relief services, including rehabilitation services	\$0	\$0	\$340,181	\$340,181
402	Performing arts companies	\$0	\$12,188	\$105,982	\$118,169
403	Spectator sports companies	\$0	\$40,434	\$81,115	\$121,549
404	Promoters of performing arts & sports & agents for public figures	\$0	\$101,302	\$115,957	\$217,259
405	Independent artists, writers, & performers	\$0	\$1,732,759	\$122,416	\$1,855,175
406	Museums, historical sites, zoos, & parks	\$0	\$0	\$39,593	\$39,593
407	Fitness & recreational sports centers	\$0	\$74,912	\$216,599	\$291,510
408	Bowling centers	\$0	\$10	\$6,806	\$6,817
409	Amusement parks, arcades, & gambling industries	\$0	\$444	\$460,330	\$460,774
410	Other amusement & recreation industries	\$0	\$50,889	\$324,224	\$375,113
411	Hotels & motels, including casino hotels	\$0	\$38,346	\$22,397	\$60,743
412	Other accommodations	\$0	\$585	\$1,212	\$1,797
413	Food services & drinking places	\$0	\$3,480,151	\$5,035,113	\$8,515,265
414	Automotive repair & maintenance, except car washes	\$0	\$202,293	\$810,284	\$1,012,577
415	Car washes	\$0	\$11,010	\$82,754	\$93,764
416	Electronic & precision equipment repair & maintenance	\$0	\$81,482	\$168,298	\$249,780
417	Commercial & industrial machinery & equipment repair & maintenance	\$0	\$229,894	\$110,589	\$340,483
418	Personal & household goods repair & maintenance	\$0	\$88,150	\$114,492	\$202,642
419	Personal care services	\$0	\$0	\$721,227	\$721,227
420	Death care services	\$0	\$0	\$173,763	\$173,763
421	Dry-cleaning & laundry services	\$0	\$449,029	\$203,382	\$652,411
422	Other personal services	\$0	\$61,955	\$564,806	\$626,761
423	Religious organizations	\$0	\$0	\$966,854	\$966,854
424	Grantmaking, giving, & social advocacy organizations	\$0	\$135	\$464,840	\$464,975
425	Civic, social, professional, & similar organizations	\$0	\$257,156	\$633,592	\$890,748
426	Private household operations	\$0	\$0	\$179,654	\$179,654
427	US Postal Service	\$0	\$295,295	\$293,692	\$588,988
428	Federal electric utilities	\$0	\$0	\$0	\$0
429	Other Federal Government enterprises	\$0	\$103,648	\$57,683	\$161,331
430	State & local government passenger transit	\$0	\$22,176	\$43,046	\$65,221
431	State & local government electric utilities	\$0	\$104,497	\$104,104	\$208,601
432	Other state & local government enterprises	\$0	\$3,055,436	\$793,259	\$3,848,696
433	* Not an industry (Used & secondhand goods)	\$0	\$0	\$0	\$0
434	* Not an industry (Scrap)	\$0	\$0	\$0	\$0
435	* Not an industry (Rest of the world adjustment)	\$0	\$0	\$0	\$0
436	* Not an industry (Noncomparable foreign imports)	\$0	\$0	\$0	\$0
437	* Employment & payroll only (state & local govt, non-education)	\$0	\$0	\$0	\$0
438	* Employment & payroll only (state & local govt, education)	\$0	\$0	\$0	\$0
439	* Employment & payroll only (federal govt, non-military)	\$0	\$0	\$0	\$0
440	* Employment & payroll only (federal govt, military)	\$0	\$0	\$0	\$0

Sources: IMPLAN Model 7.impdb
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 Brion & Associates

Table A-2
Estimated Employment Output of Child Care Services on Contra Costa County Economy
Contra Costa County Economic Impact Report - 2012

Sector	Description	Direct	Indirect	Induced	Total
0	Total	6,296.9	658.9	764.8	7,720.6
1	Oilseed farming	0.0	0.0	0.0	0.0
2	Grain farming	0.0	0.0	0.0	0.0
3	Vegetable & melon farming	0.0	0.0	0.0	0.0
4	Fruit farming	0.0	0.0	0.0	0.0
5	Tree nut farming	0.0	0.0	0.0	0.0
6	Greenhouse, nursery, & floriculture production	0.0	0.0	0.0	0.0
7	Tobacco farming	0.0	0.0	0.0	0.0
8	Cotton farming	0.0	0.0	0.0	0.0
9	Sugarcane & sugar beet farming	0.0	0.0	0.0	0.0
10	All other crop farming	0.0	0.0	0.0	0.0
11	Cattle ranching & farming	0.0	0.0	0.0	0.0
12	Dairy cattle & milk production	0.0	0.0	0.0	0.0
13	Poultry & egg production	0.0	0.0	0.0	0.0
14	Animal production, except cattle & poultry & eggs	0.0	0.0	0.0	0.0
15	Forestry, forest products, & timber tract production	0.0	0.0	0.0	0.0
16	Commercial logging	0.0	0.0	0.0	0.0
17	Commercial Fishing	0.0	0.0	0.0	0.0
18	Commercial hunting & trapping	0.0	0.0	0.0	0.0
19	Support activities for agriculture & forestry	0.0	0.0	0.1	0.2
20	Extraction of oil & natural gas	0.0	0.0	0.1	0.1
21	Mining coal	0.0	0.0	0.0	0.0
22	Mining iron ore	0.0	0.0	0.0	0.0
23	Mining copper, nickel, lead, & zinc	0.0	0.0	0.0	0.0
24	Mining gold, silver, & other metal ore	0.0	0.0	0.0	0.0
25	Mining & quarrying stone	0.0	0.0	0.0	0.0
26	Mining & quarrying s&g, gravel, clay, & ceramic & refractory minerals	0.0	0.0	0.0	0.1
27	Mining & quarrying other nonmetallic minerals	0.0	0.0	0.0	0.0
28	Drilling oil & gas wells	0.0	0.0	0.0	0.0
29	Support activities for oil & gas operations	0.0	0.0	0.0	0.0
30	Support activities for other mining	0.0	0.0	0.0	0.0
31	Electric power generation, transmission, & distribution	0.0	0.4	0.4	0.7
32	Natural gas distribution	0.0	0.4	0.7	1.1
33	Water, sewage & other treatment & delivery systems	0.0	1.9	1.2	3.1
34	Construction of new nonresidential commercial & health care structures	0.0	0.0	0.0	0.0
35	Construction of new nonresidential mfg structures	0.0	0.0	0.0	0.0
36	Construction of other new nonresidential structures	0.0	0.0	0.0	0.0
37	Construction of new residential permanent site single- & multi-family structures	0.0	0.0	0.0	0.0
38	Construction of other new residential structures	0.0	0.0	0.0	0.0
39	Maintenance & repair construction of nonresidential structures	0.0	16.5	3.7	20.1
40	Maintenance & repair construction of residential structures	0.0	0.3	2.4	2.6
41	Dog & cat food mfg	0.0	0.0	0.0	0.0
42	Other animal food mfg	0.0	0.0	0.0	0.0
43	Flour milling & malt mfg	0.0	0.0	0.0	0.0
44	Wet corn milling	0.0	0.0	0.0	0.0
45	Soybean & other oilseed processing	0.0	0.0	0.0	0.0
46	Fats & oils refining & blending	0.0	0.0	0.0	0.0
47	Breakfast cereal mfg	0.0	0.0	0.0	0.0
48	Sugar cane mills & refining	0.0	0.0	0.0	0.0
49	Beet sugar mfg	0.0	0.0	0.0	0.0
50	Chocolate & confectionery mfg from cacao beans	0.0	0.0	0.0	0.0
51	Confectionery mfg from purchased chocolate	0.0	0.0	0.0	0.0
52	Nonchocolate confectionery mfg	0.0	0.0	0.0	0.0
53	Frozen food mfg	0.0	0.0	0.0	0.1
54	Fruit & vegetable canning, pickling, & drying	0.0	0.0	0.0	0.0
55	Fluid milk & butter mfg	0.0	0.2	0.1	0.3
56	Cheese mfg	0.0	0.0	0.0	0.0
57	Dry, condensed, & evaporated dairy product mfg	0.0	0.0	0.0	0.0
58	Ice cream & frozen dessert mfg	0.0	0.1	0.0	0.1
59	Animal (except poultry) slaughtering, rendering, & processing	0.0	0.0	0.0	0.0
60	Poultry processing	0.0	0.0	0.0	0.0
61	Seafood product preparation & packaging	0.0	0.0	0.0	0.0
62	Bread & bakery product mfg	0.0	0.1	0.1	0.2
63	Cookie, cracker, & pasta mfg	0.0	0.0	0.0	0.0
64	Tortilla mfg	0.0	0.0	0.0	0.0
65	Snack food mfg	0.0	0.0	0.0	0.0
66	Coffee & tea mfg	0.0	0.0	0.0	0.0
67	Flavoring syrup & concentrate mfg	0.0	0.0	0.0	0.0
68	Seasoning & dressing mfg	0.0	0.0	0.0	0.0
69	All other food mfg	0.0	0.0	0.0	0.0
70	Soft drink & ice mfg	0.0	0.0	0.4	0.4
71	Breweries	0.0	0.0	0.0	0.0
72	Wineries	0.0	0.0	0.0	0.0
73	Distilleries	0.0	0.0	0.0	0.0
74	Tobacco product mfg	0.0	0.0	0.0	0.0
75	Fiber, yarn, & thread mills	0.0	0.0	0.0	0.0
76	Broadwoven fabric mills	0.0	0.0	0.0	0.0
77	Narrow fabric mills & schiffli machine embroidery	0.0	0.0	0.0	0.0
78	Nonwoven fabric mills	0.0	0.0	0.0	0.0
79	Knit fabric mills	0.0	0.0	0.0	0.0
80	Textile & fabric finishing mills	0.0	0.0	0.0	0.0
81	Fabric coating mills	0.0	0.0	0.0	0.0
82	Carpet & rug mills	0.0	0.0	0.0	0.0
83	Curtain & linen mills	0.0	0.0	0.0	0.0
84	Textile bag & canvas mills	0.0	0.0	0.0	0.0
85	All other textile product mills	0.0	0.0	0.0	0.0
86	Apparel knitting mills	0.0	0.0	0.0	0.0
87	Cut & sew apparel contractors	0.0	0.0	0.0	0.0
88	Mens & boys cut & sew apparel mfg	0.0	0.0	0.0	0.0
89	Womens & girls cut & sew apparel mfg	0.0	0.0	0.0	0.0

Table A-2
Estimated Employment Output of Child Care Services on Contra Costa County Economy
Contra Costa County Economic Impact Report - 2012

Sector	Description	Direct	Indirect	Induced	Total
90	Other cut & sew apparel mfg	0.0	0.0	0.0	0.0
91	Apparel accessories & other apparel mfg	0.0	0.0	0.0	0.0
92	Leather & hide tanning & finishing	0.0	0.0	0.0	0.0
93	Footwear mfg	0.0	0.0	0.0	0.0
94	Other leather & allied product mfg	0.0	0.0	0.0	0.0
95	Sawmills & wood preservation	0.0	0.2	0.0	0.2
96	Veneer & plywood mfg	0.0	0.0	0.0	0.0
97	Engineered wood member & truss mfg	0.0	0.0	0.0	0.0
98	Reconstituted wood product mfg	0.0	0.0	0.0	0.0
99	Wood windows & doors & millwork mfg	0.0	0.1	0.0	0.1
100	Wood container & pallet mfg	0.0	0.1	0.1	0.2
101	Manufactured home (mobile home) mfg	0.0	0.0	0.0	0.0
102	Prefabricated wood building mfg	0.0	0.0	0.0	0.0
103	All other miscellaneous wood product mfg	0.0	0.0	0.0	0.0
104	Pulp mills	0.0	0.0	0.0	0.0
105	Paper mills	0.0	0.0	0.0	0.0
106	Paperboard Mills	0.0	0.0	0.0	0.0
107	Paperboard container mfg	0.0	0.0	0.0	0.0
108	Coated & laminated paper, packaging paper & plastics film mfg	0.0	0.0	0.0	0.0
109	All other paper bag & coated & treated paper mfg	0.0	0.0	0.0	0.0
110	Stationery product mfg	0.0	0.0	0.0	0.0
111	Sanitary paper product mfg	0.0	0.0	0.0	0.0
112	All other converted paper product mfg	0.0	0.0	0.0	0.0
113	Printing	0.0	0.8	0.4	1.2
114	Support activities for printing	0.0	0.0	0.0	0.0
115	Petroleum refineries	0.0	0.2	0.3	0.4
116	Asphalt paving mixture & block mfg	0.0	0.0	0.0	0.0
117	Asphalt shingle & coating materials mfg	0.0	0.0	0.0	0.0
118	Petroleum lubricating oil & grease mfg	0.0	0.0	0.0	0.0
119	All other petroleum & coal products mfg	0.0	0.0	0.0	0.0
120	Petrochemical mfg	0.0	0.0	0.0	0.0
121	Industrial gas mfg	0.0	0.0	0.0	0.0
122	Synthetic dye & pigment mfg	0.0	0.0	0.0	0.0
123	Alkalies & chlorine mfg	0.0	0.0	0.0	0.0
124	Carbon black mfg	0.0	0.0	0.0	0.0
125	All other basic inorganic chemical mfg	0.0	0.0	0.0	0.0
126	Other basic organic chemical mfg	0.0	0.0	0.0	0.0
127	Plastics material & resin mfg	0.0	0.0	0.0	0.0
128	Synthetic rubber mfg	0.0	0.0	0.0	0.0
129	Artificial & synthetic fibers & filaments mfg	0.0	0.0	0.0	0.0
130	Fertilizer mfg	0.0	0.0	0.0	0.0
131	Pesticide & other agricultural chemical mfg	0.0	0.0	0.0	0.0
132	Medicinal & botanical mfg	0.0	0.0	0.0	0.0
133	Pharmaceutical preparation mfg	0.0	0.0	0.0	0.0
134	In-vitro diagnostic substance mfg	0.0	0.0	0.0	0.0
135	Biological product (except diagnostic) mfg	0.0	0.0	0.0	0.0
136	Paint & coating mfg	0.0	0.0	0.0	0.0
137	Adhesive mfg	0.0	0.0	0.0	0.0
138	Soap & cleaning compound mfg	0.0	0.0	0.0	0.0
139	Toilet preparation mfg	0.0	0.0	0.0	0.0
140	Printing ink mfg	0.0	0.0	0.0	0.0
141	All other chemical product & preparation mfg	0.0	0.0	0.0	0.0
142	Plastics packaging materials & unlaminated film & sheet mfg	0.0	0.0	0.0	0.0
143	Unlaminated plastics profile shape mfg	0.0	0.0	0.0	0.0
144	Plastics pipe & pipe fitting mfg	0.0	0.0	0.0	0.0
145	Laminated plastics plate, sheet (except packaging), & shape mfg	0.0	0.0	0.0	0.0
146	Polystyrene foam product mfg	0.0	0.0	0.0	0.0
147	Urethane & other foam product (except polystyrene) mfg	0.0	0.0	0.0	0.0
148	Plastics bottle mfg	0.0	0.0	0.0	0.0
149	Other plastics product mfg	0.0	0.0	0.0	0.0
150	Tire mfg	0.0	0.0	0.0	0.0
151	Rubber & plastics hoses & belting mfg	0.0	0.0	0.0	0.0
152	Other rubber product mfg	0.0	0.0	0.0	0.0
153	Pottery, ceramics, & plumbing fixture mfg	0.0	0.0	0.0	0.0
154	Brick, tile, & other structural clay product mfg	0.0	0.0	0.0	0.0
155	Clay & nonclay refractory mfg	0.0	0.0	0.0	0.0
156	Flat glass mfg	0.0	0.0	0.0	0.0
157	Other pressed & blown glass & glassware mfg	0.0	0.0	0.0	0.0
158	Glass container mfg	0.0	0.0	0.0	0.0
159	Glass product mfg made of purchased glass	0.0	0.0	0.0	0.0
160	Cement mfg	0.0	0.0	0.0	0.0
161	Ready-mix concrete mfg	0.0	0.1	0.0	0.1
162	Concrete pipe, brick, & block mfg	0.0	0.0	0.0	0.0
163	Other concrete product mfg	0.0	0.0	0.0	0.1
164	Lime & gypsum product mfg	0.0	0.1	0.0	0.1
165	Abrasive product mfg	0.0	0.0	0.0	0.0
166	Cut stone & stone product mfg	0.0	0.0	0.0	0.0
167	Ground or treated mineral & earth mfg	0.0	0.0	0.0	0.0
168	Mineral wool mfg	0.0	0.0	0.0	0.0
169	Miscellaneous nonmetallic mineral product mfg	0.0	0.0	0.0	0.0
170	Iron & steel mills & ferroalloy mfg	0.0	0.0	0.0	0.0
171	Steel product mfg from purchased steel	0.0	0.0	0.0	0.0
172	Alumina refining & primary aluminum production	0.0	0.0	0.0	0.0
173	Secondary smelting & alloying of aluminum	0.0	0.0	0.0	0.0
174	Aluminum product mfg from purchased aluminum	0.0	0.0	0.0	0.0
175	Primary smelting & refining of copper	0.0	0.0	0.0	0.0
176	Primary smelting & refining of nonferrous metal (except copper & aluminum)	0.0	0.0	0.0	0.0
177	Copper rolling, drawing, extruding & alloying	0.0	0.0	0.0	0.0
178	Nonferrous metal (except copper/aluminum) rolling, drawing, extruding & alloying	0.0	0.0	0.0	0.0
179	Ferrous metal foundries	0.0	0.0	0.0	0.0

Table A-2
Estimated Employment Output of Child Care Services on Contra Costa County Economy
Contra Costa County Economic Impact Report - 2012

Sector	Description	Direct	Indirect	Induced	Total
180	Nonferrous metal foundries	0.0	0.0	0.0	0.0
181	All other forging, stamping, & sintering	0.0	0.0	0.0	0.0
182	Custom roll forming	0.0	0.0	0.0	0.0
183	Crown & closure mfg & metal stamping	0.0	0.0	0.0	0.0
184	Cutlery, utensil, pot, & pan mfg	0.0	0.0	0.0	0.0
185	H&tool mfg	0.0	0.0	0.0	0.0
186	Plate work & fabricated structural product mfg	0.0	0.0	0.0	0.0
187	Ornamental & architectural metal products mfg	0.0	0.0	0.0	0.0
188	Power boiler & heat exchanger mfg	0.0	0.0	0.0	0.0
189	Metal tank (heavy gauge) mfg	0.0	0.0	0.0	0.0
190	Metal can, box, & other metal container (light gauge) mfg	0.0	0.0	0.0	0.0
191	Ammunition mfg	0.0	0.0	0.0	0.0
192	Arms, ordnance, & accessories mfg	0.0	0.0	0.0	0.0
193	Hardware mfg	0.0	0.0	0.0	0.0
194	Spring & wire product mfg	0.0	0.0	0.0	0.0
195	Machine shops	0.0	0.0	0.0	0.0
196	Turned product & screw, nut, & bolt mfg	0.0	0.0	0.0	0.0
197	Coating, engraving, heat treating & allied activities	0.0	0.0	0.0	0.0
198	Valve & fittings other than plumbing mfg	0.0	0.0	0.0	0.0
199	Plumbing fixture fitting & trim mfg	0.0	0.0	0.0	0.0
200	Ball & roller bearing mfg	0.0	0.0	0.0	0.0
201	Fabricated pipe & pipe fitting mfg	0.0	0.0	0.0	0.0
202	Other fabricated metal mfg	0.0	0.0	0.0	0.0
203	Farm machinery & equipment mfg	0.0	0.0	0.0	0.0
204	Lawn & garden equipment mfg	0.0	0.0	0.0	0.0
205	Construction machinery mfg	0.0	0.0	0.0	0.0
206	Mining & oil & gas field machinery mfg	0.0	0.0	0.0	0.0
207	Other industrial machinery mfg	0.0	0.0	0.0	0.0
208	Plastics & rubber industry machinery mfg	0.0	0.0	0.0	0.0
209	Semiconductor machinery mfg	0.0	0.0	0.0	0.0
210	Vending, commercial, industrial, & office machinery mfg	0.0	0.0	0.0	0.0
211	Optical instrument & lens mfg	0.0	0.0	0.0	0.0
212	Photographic & photocopying equipment mfg	0.0	0.0	0.0	0.0
213	Other commercial & service industry machinery mfg	0.0	0.0	0.0	0.0
214	Air purification & ventilation equipment mfg	0.0	0.0	0.0	0.0
215	Heating equipment (except warm air furnaces) mfg	0.0	0.0	0.0	0.0
216	Air conditioning, refrigeration, & warm air heating equipment mfg	0.0	0.0	0.0	0.0
217	Industrial mold mfg	0.0	0.0	0.0	0.0
218	Metal cutting & forming machine tool mfg	0.0	0.0	0.0	0.0
219	Special tool, die, jig, & fixture mfg	0.0	0.0	0.0	0.0
220	Cutting tool & machine tool accessory mfg	0.0	0.0	0.0	0.0
221	Rolling mill & other metalworking machinery mfg	0.0	0.0	0.0	0.0
222	Turbine & turbine generator set units mfg	0.0	0.0	0.0	0.0
223	Speed changer, industrial high-speed drive, & gear mfg	0.0	0.0	0.0	0.0
224	Mechanical power transmission equipment mfg	0.0	0.0	0.0	0.0
225	Other engine equipment mfg	0.0	0.0	0.0	0.0
226	Pump & pumping equipment mfg	0.0	0.0	0.0	0.0
227	Air & gas compressor mfg	0.0	0.0	0.0	0.0
228	Material h&ling equipment mfg	0.0	0.0	0.0	0.0
229	Power-driven h&tool mfg	0.0	0.0	0.0	0.0
230	Other general purpose machinery mfg	0.0	0.0	0.0	0.0
231	Packaging machinery mfg	0.0	0.0	0.0	0.0
232	Industrial process furnace & oven mfg	0.0	0.0	0.0	0.0
233	Fluid power process machinery mfg	0.0	0.0	0.0	0.0
234	Electronic computer mfg	0.0	0.0	0.0	0.0
235	Computer storage device mfg	0.0	0.0	0.0	0.0
236	Computer terminals & other computer peripheral equipment mfg	0.0	0.0	0.0	0.0
237	Telephone apparatus mfg	0.0	0.0	0.0	0.0
238	Broadcast & wireless communications equipment mfg	0.0	0.0	0.0	0.0
239	Other communications equipment mfg	0.0	0.0	0.0	0.0
240	Audio & video equipment mfg	0.0	0.0	0.0	0.0
241	Electron tube mfg	0.0	0.0	0.0	0.0
242	Bare printed circuit board mfg	0.0	0.0	0.0	0.0
243	Semiconductor & related device mfg	0.0	0.0	0.0	0.0
244	Electronic capacitor, resistor, coil, transformer, & other inductor mfg	0.0	0.0	0.0	0.0
245	Electronic connector mfg	0.0	0.0	0.0	0.0
246	Printed circuit assembly (electronic assembly) mfg	0.0	0.0	0.0	0.0
247	Other electronic component mfg	0.0	0.0	0.0	0.0
248	Electromedical & electrotherapeutic apparatus mfg	0.0	0.0	0.0	0.0
249	Search, detection, & navigation instruments mfg	0.0	0.0	0.0	0.0
250	Automatic environmental control mfg	0.0	0.0	0.0	0.0
251	Industrial process variable instruments mfg	0.0	0.0	0.0	0.0
252	Totalizing fluid meters & counting devices mfg	0.0	0.0	0.0	0.0
253	Electricity & signal testing instruments mfg	0.0	0.0	0.0	0.0
254	Analytical laboratory instrument mfg	0.0	0.0	0.0	0.0
255	Irradiation apparatus mfg	0.0	0.0	0.0	0.0
256	Watch, clock, & other measuring & controlling device mfg	0.0	0.0	0.0	0.0
257	Software, audio, & video media for reproduction	0.0	0.0	0.0	0.0
258	Magnetic & optical recording media mfg	0.0	0.0	0.0	0.0
259	Electric lamp bulb & part mfg	0.0	0.0	0.0	0.0
260	Lighting fixture mfg	0.0	0.0	0.0	0.0
261	Small electrical appliance mfg	0.0	0.0	0.0	0.0
262	Household cooking appliance mfg	0.0	0.0	0.0	0.0
263	Household refrigerator & home freezer mfg	0.0	0.0	0.0	0.0
264	Household laundry equipment mfg	0.0	0.0	0.0	0.0
265	Other major household appliance mfg	0.0	0.0	0.0	0.0
266	Power, distribution, & specialty transformer mfg	0.0	0.0	0.0	0.0
267	Motor & generator mfg	0.0	0.0	0.0	0.0
268	Switchgear & switchboard apparatus mfg	0.0	0.0	0.0	0.0
269	Relay & industrial control mfg	0.0	0.0	0.0	0.0

Table A-2
Estimated Employment Output of Child Care Services on Contra Costa County Economy
Contra Costa County Economic Impact Report - 2012

Sector	Description	Direct	Indirect	Induced	Total
270	Storage battery mfg	0.0	0.0	0.0	0.0
271	Primary battery mfg	0.0	0.0	0.0	0.0
272	Communication & energy wire & cable mfg	0.0	0.0	0.0	0.0
273	Wiring device mfg	0.0	0.0	0.0	0.0
274	Carbon & graphite product mfg	0.0	0.0	0.0	0.0
275	All other miscellaneous electrical equipment & component mfg	0.0	0.0	0.0	0.0
276	Automobile mfg	0.0	0.0	0.0	0.0
277	Light truck & utility vehicle mfg	0.0	0.0	0.0	0.0
278	Heavy duty truck mfg	0.0	0.0	0.0	0.0
279	Motor vehicle body mfg	0.0	0.0	0.0	0.0
280	Truck trailer mfg	0.0	0.0	0.0	0.0
281	Motor home mfg	0.0	0.0	0.0	0.0
282	Travel trailer & camper mfg	0.0	0.0	0.0	0.0
283	Motor vehicle parts mfg	0.0	0.0	0.0	0.0
284	Aircraft mfg	0.0	0.0	0.0	0.0
285	Aircraft engine & engine parts mfg	0.0	0.0	0.0	0.0
286	Other aircraft parts & auxiliary equipment mfg	0.0	0.0	0.0	0.0
287	Guided missile & space vehicle mfg	0.0	0.0	0.0	0.0
288	Propulsion units & parts for space vehicles & guided missiles mfg	0.0	0.0	0.0	0.0
289	Railroad rolling stock mfg	0.0	0.0	0.0	0.0
290	Ship building & repairing	0.0	0.0	0.0	0.0
291	Boat building	0.0	0.0	0.0	0.0
292	Motorcycle, bicycle, & parts mfg	0.0	0.0	0.0	0.0
293	Military armored vehicle, tank, & tank component mfg	0.0	0.0	0.0	0.0
294	All other transportation equipment mfg	0.0	0.0	0.0	0.0
295	Wood kitchen cabinet & countertop mfg	0.0	0.0	0.0	0.1
296	Upholstered household furniture mfg	0.0	0.0	0.0	0.0
297	Nonupholstered wood household furniture mfg	0.0	0.0	0.0	0.0
298	Metal & other household furniture mfg	0.0	0.0	0.0	0.0
299	Institutional furniture mfg	0.0	0.0	0.0	0.0
300	Office Furniture	0.0	0.0	0.0	0.0
301	Custom architectural woodwork & millwork mfg	0.0	0.0	0.0	0.0
302	Showcase, partition, shelving, & locker mfg	0.0	0.0	0.0	0.0
303	Mattress mfg	0.0	0.0	0.0	0.0
304	Blind & shade mfg	0.0	0.0	0.0	0.0
305	Surgical & medical instrument, laboratory & medical instrument mfg	0.0	0.0	0.0	0.0
306	Surgical appliance & supplies mfg	0.0	0.0	0.0	0.0
307	Dental equipment & supplies mfg	0.0	0.0	0.0	0.0
308	Ophthalmic goods mfg	0.0	0.0	0.0	0.0
309	Dental laboratories mfg	0.0	0.0	0.0	0.0
310	Jewelry & silverware mfg	0.0	0.0	0.0	0.0
311	Sporting & athletic goods mfg	0.0	0.0	0.0	0.0
312	Doll, toy, & game mfg	0.0	0.0	0.0	0.0
313	Office supplies (except paper) mfg	0.0	0.2	0.0	0.2
314	Sign mfg	0.0	0.0	0.0	0.0
315	Gasket, packing, & sealing device mfg	0.0	0.0	0.0	0.0
316	Musical instrument mfg	0.0	0.0	0.0	0.0
317	All other miscellaneous mfg	0.0	0.0	0.0	0.1
318	Broom, brush, & mop mfg	0.0	0.0	0.0	0.0
319	Wholesale trade businesses	0.0	3.7	14.4	18.2
320	Retail Stores - Motor vehicle & parts	0.0	0.2	15.7	15.9
321	Retail Stores - Furniture & home furnishings	0.0	0.1	5.1	5.2
322	Retail Stores - Electronics & appliances	0.0	0.1	5.0	5.0
323	Retail Stores - Building material & garden supply	0.0	0.2	8.4	8.6
324	Retail Stores - Food & beverage	0.0	0.4	28.2	28.6
325	Retail Stores - Health & personal care	0.0	0.2	9.6	9.8
326	Retail Stores - Gasoline stations	0.0	0.0	4.4	4.5
327	Retail Stores - Clothing & clothing accessories	0.0	0.2	14.4	14.6
328	Retail Stores - Sporting goods, hobby, book & music	0.0	0.1	8.2	8.3
329	Retail Stores - General merch&ise	0.0	0.4	26.9	27.3
330	Retail Stores - Miscellaneous	0.0	0.2	13.9	14.1
331	Retail Nonstores - Direct & electronic sales	0.0	0.1	13.3	13.5
332	Transport by air	0.0	0.1	0.1	0.2
333	Transport by rail	0.0	0.0	0.0	0.1
334	Transport by water	0.0	0.0	0.2	0.3
335	Transport by truck	0.0	2.7	3.9	6.6
336	Transit & ground passenger transportation	0.0	2.5	4.8	7.3
337	Transport by pipeline	0.0	0.0	0.0	0.0
338	Scenic & sightseeing transportation & support activities for transportation	0.0	2.3	2.7	4.9
339	Couriers & messengers	0.0	4.2	3.0	7.1
340	Warehousing & storage	0.0	0.5	0.6	1.0
341	Newspaper publishers	0.0	1.5	1.4	3.0
342	Periodical publishers	0.0	0.2	0.1	0.3
343	Book publishers	0.0	0.0	0.0	0.0
344	Directory, mailing list, & other publishers	0.0	0.2	0.1	0.3
345	Software publishers	0.0	0.2	0.1	0.3
346	Motion picture & video industries	0.0	3.4	1.2	4.6
347	Sound recording industries	0.0	0.0	0.0	0.0
348	Radio & television broadcasting	0.0	0.5	0.3	0.8
349	Cable & other subscription programming	0.0	0.0	0.0	0.1
350	Internet publishing & broadcasting	0.0	0.1	0.0	0.1
351	Telecommunications	0.0	7.5	5.9	13.4
352	Data processing, hosting, ISP, web search portals & related services	0.0	0.4	0.8	1.3
353	Other information services	0.0	0.3	0.3	0.5
354	Monetary authorities & depository credit intermediation activities	0.0	13.9	13.4	27.3
355	Nondepository credit intermediation & related activities	0.0	5.9	9.5	15.4
356	Securities, commodity contracts, investments, & related activities	0.0	176.4	29.6	206.0
357	Insurance carriers	0.0	5.3	8.8	14.1
358	Insurance agencies, brokerages, & related activities	0.0	6.5	6.3	12.8
359	Funds, trusts, & other financial vehicles	0.0	0.6	4.0	4.6

Table A-2
Estimated Employment Output of Child Care Services on Contra Costa County Economy
Contra Costa County Economic Impact Report - 2012

Sector	Description	Direct	Indirect	Induced	Total
360	Real estate establishments	0.0	83.4	44.6	128.0
361	Imputed rental activity for owner-occupied dwellings	0.0	0.0	0.0	0.0
362	Automotive equipment rental & leasing	0.0	0.2	0.2	0.4
363	General & consumer goods rental except video tapes & discs	0.0	0.4	2.2	2.6
364	Video tape & disc rental	0.0	0.0	0.3	0.3
365	Commercial & industrial machinery & equipment rental & leasing	0.0	0.7	0.3	0.9
366	Lessors of nonfinancial intangible assets	0.0	0.1	0.1	0.2
367	Legal services	0.0	8.1	9.4	17.4
368	Accounting, tax preparation, bookkeeping, & payroll services	0.0	16.4	5.0	21.4
369	Architectural, engineering, & related services	0.0	12.5	3.0	15.5
370	Specialized design services	0.0	0.5	0.3	0.8
371	Custom computer programming services	0.0	1.0	0.3	1.4
372	Computer systems design services	0.0	7.1	2.0	9.0
373	Other computer related services, including facilities management	0.0	1.8	0.5	2.3
374	Management, scientific, & technical consulting services	0.0	17.6	4.9	22.5
375	Environmental & other technical consulting services	0.0	5.0	1.4	6.4
376	Scientific research & development services	0.0	0.4	2.1	2.5
377	Advertising & related services	0.0	6.1	2.8	8.9
378	Photographic services	0.0	0.0	0.6	0.6
379	Veterinary services	0.0	0.0	3.5	3.5
380	All other miscellaneous professional, scientific, & technical services	0.0	1.7	0.6	2.3
381	Management of companies & enterprises	0.0	4.3	2.1	6.5
382	Employment services	0.0	55.7	11.6	67.3
383	Travel arrangement & reservation services	0.0	0.3	1.1	1.4
384	Office administrative services	0.0	10.8	2.4	13.2
385	Facilities support services	0.0	0.8	0.2	1.0
386	Business support services	0.0	3.6	1.9	5.5
387	Investigation & security services	0.0	8.8	4.3	13.2
388	Services to buildings & dwellings	0.0	37.1	13.8	51.0
389	Other support services	0.0	1.1	0.6	1.8
390	Waste management & remediation services	0.0	2.9	2.1	4.9
391	Private elementary & secondary schools	0.0	0.0	12.7	12.7
392	Private junior colleges, colleges, universities, & professional schools	0.0	0.0	8.7	8.7
393	Other private educational services	0.0	0.2	13.2	13.4
394	Offices of physicians, dentists, & other health practitioners	0.0	0.0	46.6	46.6
395	Home health care services	0.0	0.0	9.2	9.2
396	Medical & diagnostic labs & outpatient & other ambulatory care services	0.0	0.0	11.0	11.0
397	Private hospitals	0.0	0.0	23.8	23.8
398	Nursing & residential care facilities	0.0	0.0	25.3	25.3
399	Child day care services	6,296.9	0.0	12.4	6,309.4
400	Individual & family services	0.0	0.0	15.8	15.8
401	Community food, housing, & other relief services, including rehabilitation services	0.0	0.0	7.7	7.7
402	Performing arts companies	0.0	0.5	4.1	4.5
403	Spectator sports companies	0.0	1.2	2.4	3.6
404	Promoters of performing arts & sports & agents for public figures	0.0	1.4	1.6	3.0
405	Independent artists, writers, & performers	0.0	13.1	0.9	14.0
406	Museums, historical sites, zoos, & parks	0.0	0.0	0.3	0.3
407	Fitness & recreational sports centers	0.0	1.8	5.2	7.0
408	Bowling centers	0.0	0.0	0.1	0.1
409	Amusement parks, arcades, & gambling industries	0.0	0.0	4.6	4.6
410	Other amusement & recreation industries	0.0	0.8	5.2	6.0
411	Hotels & motels, including casino hotels	0.0	0.3	0.2	0.5
412	Other accommodations	0.0	0.0	0.0	0.0
413	Food services & drinking places	0.0	54.6	79.0	133.6
414	Automotive repair & maintenance, except car washes	0.0	2.3	9.1	11.4
415	Car washes	0.0	0.3	2.2	2.5
416	Electronic & precision equipment repair & maintenance	0.0	0.4	0.9	1.3
417	Commercial & industrial machinery & equipment repair & maintenance	0.0	1.5	0.7	2.2
418	Personal & household goods repair & maintenance	0.0	0.6	0.7	1.3
419	Personal care services	0.0	0.0	11.2	11.2
420	Death care services	0.0	0.0	1.3	1.3
421	Dry-cleaning & laundry services	0.0	7.6	3.4	11.0
422	Other personal services	0.0	0.4	3.8	4.3
423	Religious organizations	0.0	0.0	5.5	5.5
424	Grantmaking, giving, & social advocacy organizations	0.0	0.0	5.4	5.4
425	Civic, social, professional, & similar organizations	0.0	4.3	10.6	14.9
426	Private household operations	0.0	0.0	12.5	12.5
427	US Postal Service	0.0	3.0	3.0	6.0
428	Federal electric utilities	0.0	0.0	0.0	0.0
429	Other Federal Government enterprises	0.0	0.5	0.3	0.8
430	State & local government passenger transit	0.0	0.4	0.9	1.3
431	State & local government electric utilities	0.0	0.2	0.2	0.5
432	Other state & local government enterprises	0.0	12.0	3.1	15.1
433	* Not an industry (Used & secondh& goods)	0.0	0.0	0.0	0.0
434	* Not an industry (Scrap)	0.0	0.0	0.0	0.0
435	* Not an industry (Rest of the world adjustment)	0.0	0.0	0.0	0.0
436	* Not an industry (Noncomparable foreign imports)	0.0	0.0	0.0	0.0
437	* Employment & payroll only (state & local gov, non-education)	0.0	0.0	0.0	0.0
438	* Employment & payroll only (state & local gov, education)	0.0	0.0	0.0	0.0
439	* Employment & payroll only (federal gov, non-military)	0.0	0.0	0.0	0.0
440	* Employment & payroll only (federal gov, military)	0.0	0.0	0.0	0.0

Sources: IMPLAN Model 7.impdb
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