



Contra Costa County Business Dynamics

Draft Results (2)

Produced by
Haveman Economic Consulting
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Jon Haveman



Business Dynamics: Overview of Results

This document provides information on business dynamics in Contra Costa County. The following information is provided:

1. Tables decomposing employment changes into its constituent parts: moveins, move outs, births, deaths, expansions, and contractions.

This is presented both on an annual basis in the aggregate and on an average annual basis by industry.

2. A set of 3 graphs that illustrate the contents of the previous table. (See graph legends for details.)
3. Tables and charts illustrating the sources of Job Creation and Job Destruction in the regions.

Job Creation: the first chart illustrates the proportional contribution of births, expansions, and moveins to job creation in the region. The numbers are annual averages over the period.

A second chart illustrates the relative contributions to job creation of births and expansion broken out into those by establishments that are locally owned and those by establishments that are headquartered elsewhere.

Job Destruction: the third chart illustrates the proportional contribution of deaths, contractions and exits to job destruction in the region. The numbers are annual averages over the period.

These graphs are followed by a table that presents average annual contributions to job creation and job destruction by industry.

4. Tables illustrating the Top 15 firms moving in and moving out during the 1995-2009 period - as determined by employment levels.
5. Table 5 provides an indication by industry of the rate of employment and establishment moveins relative to moveouts in the region. The Total column is simply the sum of employment over all years. The next 4 columns present the ratio of moveins to moveouts in Contra Costa County relative to the same ratio for a set of other regions in the Bay area and CA (these regions are in the next set of tables) - for different time periods between 1995 and 2009. The final column provides the ratio for the entire period.

Tables 5a-5e provide for comparisons between the Contra Costaratio of moveins to moveouts with other counties in California. There is one table for each period in Table 5.

6. A set of charts that indicate the top 5 employment trading partners for the region.

The first graph sorts all U.S. counties by the number of jobs that have moved FROM the region to that county.

The second graph sorts all U.S. counties by the number of jobs that have moved TO the region from that county.

Graphs 3 and 4 provide counts of imported and exported establishment for the same counties listed in graphs 1 and 2.

Graphs 5 and 6 provide an indication of the sizes of the establishments imported and exports for the same counties as are in the first two graphs.

Imported Jobs are jobs that moved into the region.

Exported Jobs are jobs that moved out of the region.

7. A set of six charts indicating the actions of multi-establishment firms, with particular emphasis on employment shares in Contra Costa.

Depicted in each chart is the share of employment among these firms that is located in the region (Contra Costa), the rest of California, and the rest of the United States in each year.

Chart 1 is for all headquarters that have establishments in the region in each year.

Chart 2 is similar to chart 1, but only includes employment related to firms that are headquartered in the region.

Chart 3 is similar to chart 1, but only includes employment related to firms that are headquartered in the California, but outside of the region.

Chart 4 is similar to chart 1, but only includes employment related to firms that are headquartered in the the United States, but outside of California.

Chart 5 is similar to chart 2, but only includes employment in Retail Trade.

Retail trade is an important driver of the decline in each region's share of employment in firms headquartered in Contra Costa.

Chart 6 is similar to chart 2, but only includes employment in Prof. Sci, and Tech industries.

Prof. Sci, and Tech industries is an important driver of the decline in each region's share of employment in firms headquartered in Contra Costa

8. Startup Activity - A table has been added to each of the regional sections of this memo that provides an index of Startup Activity by industry within the region. The index is fairly simple and reflects the proportion of establishments in each year that are new. It should be noted that not all new establishments are included. Only new independent establishments are included. A new McDonalds, or Walmart will not show up as a part of the Startup Activity index. Only those that are new and report themselves as their headquarters are included.

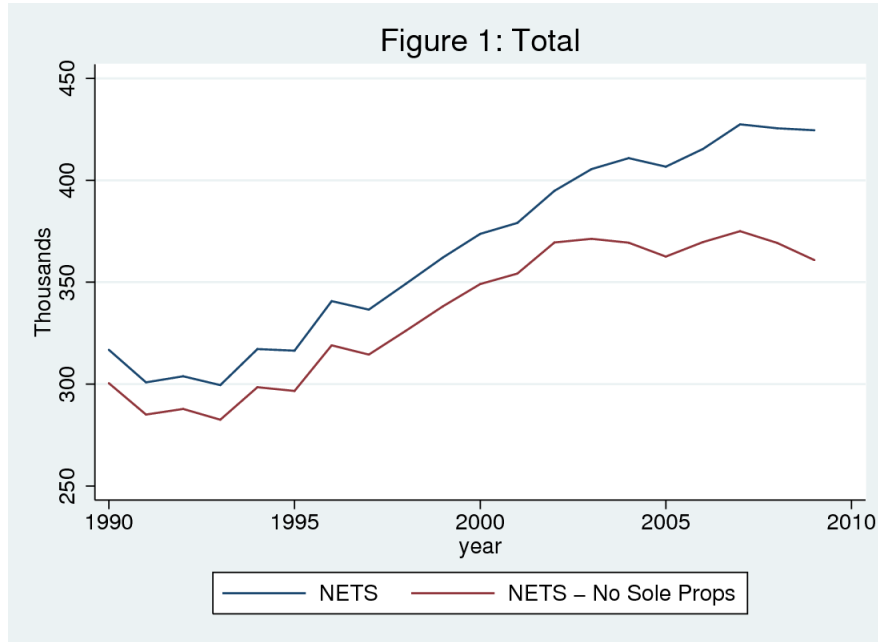
In these tables, the columns present data that are annual averages. The data are numbers of establishments and births each year, the fraction that new births are of the total number of establishments (Startup Activity) and the proportion of the new births that are still alive and in the region 5 years after their birth.

A second table is added to the Contra Costasection. This table indicates the same Startup Activity information as in the table described above, but provides only aggregate numbers for each region, generally counties. This table helps to provide some perspective on Startup Activity in Contra Costa.

This table is replicated for Manufacturing, Information, Prof, Sci, and Tech, and Other Services.

Overall Business Dynamics: Contra Costa County

Employment Growth



Decomposing Employment Growth

Table 1: Aggregate Employment Decomposition - in January of each Year

Year	Employment	Move In	Move Out	Births	Deaths	Expand	Contract	Net Change Due to:		
								Moves	Births	Growth
1995	352,980	1,561	1,361	36,370	22,551	6,471	5,016	200	13,819	1,456
1996	362,013	2,228	1,576	21,090	18,289	11,145	5,959	652	2,801	5,186
1997	364,150	1,669	3,225	27,393	22,329	11,956	13,419	-1,556	5,064	-1,464
1998	374,062	2,515	1,447	24,588	21,068	13,204	7,842	1,068	3,520	5,362
1999	385,020	2,232	1,675	22,570	19,365	15,510	8,832	557	3,205	6,678
2000	394,418	1,784	1,389	20,580	19,236	14,793	7,124	395	1,344	7,670
2001	406,462	2,817	2,235	27,255	25,355	15,254	6,340	582	1,900	8,914
2002	431,524	4,762	2,606	36,568	21,172	17,201	9,847	2,156	15,396	7,354
2003	431,252	3,034	1,688	25,609	27,595	16,279	15,902	1,346	-1,986	378
2004	430,984	8,396	2,762	19,890	29,835	15,202	11,100	5,634	-9,945	4,102
2005	426,305	2,406	2,798	19,431	22,483	13,766	15,074	-392	-3,052	-1,308
2006	437,996	2,206	2,703	22,416	20,862	21,916	11,341	-497	1,554	10,575
2007	443,850	2,536	2,219	16,111	15,441	14,879	10,048	317	670	4,831
2008	442,952	2,058	1,660	17,122	25,050	13,386	6,715	398	-7,928	6,672
2009	448,023	2,158	3,310	23,137	18,018	8,658	7,436	-1,152	5,119	1,222
Total	448,023	42,362	32,654	360,130	328,649	209,620	141,992	9,708	31,481	67,628

Source: NETS 2009, Calculations by Haveman Economic Consulting

**Table 1a: Aggregate Employment Decomposition - by Industry
(Average Annual Figures)**

Industry	Employment	Move In	Move Out	Births	Deaths	Expand	Contract
Agriculture, Forestry, Fishing and Hunting	1,597	10	14	73	48	60	27
Mining	1,437	226	5	16	19	27	3
Utilities	2,664	3	6	44	76	45	68
Construction	25,842	184	229	1,360	1,320	1,124	616
Manufacturing	28,412	503	264	1,235	1,532	807	780
Wholesale Trade	14,987	194	174	836	969	706	493
Retail Trade	51,739	155	90	3,116	2,911	1,140	1,094
Transportation and Warehousing	10,520	94	54	536	454	312	251
Information	16,494	128	146	1,058	1,581	706	406
Finance and Insurance	29,335	257	218	1,654	1,710	1,089	744
Real Estate and Rental and Leasing	15,450	70	68	963	849	613	363
Professional, Scientific, and Technical Services	44,700	460	396	2,970	3,064	1,982	1,081
Management of Companies and Enterprises	226	1	23	28	7	4	4
Admin Support and Waste Mgmt Svcs	26,816	177	192	2,658	1,456	998	661
Educational Services	21,817	45	47	527	409	426	233
Health Care and Social Assistance	42,521	105	127	2,046	1,982	1,943	989
Arts, Entertainment, and Recreation	9,985	36	15	615	368	249	123
Accommodation and Food Services	27,773	44	48	1,728	1,161	395	434
Other Services (except Public Administration)	23,289	115	54	1,619	1,288	754	763
Public Administration	12,938	18	4	857	668	593	334
Other	258	0	1	71	37	0	0

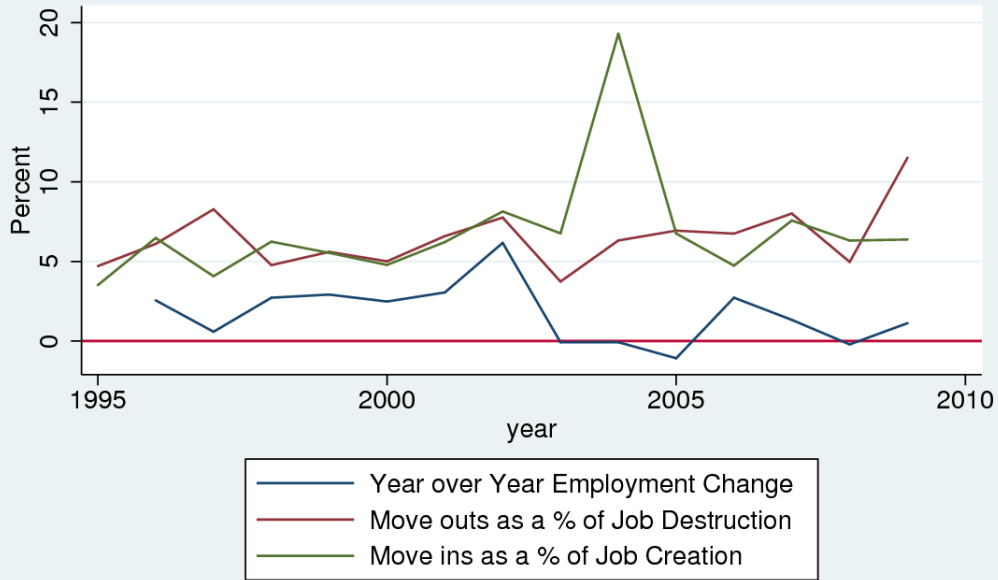
Source: NETS 2009, Calculations by Haveman Economic Consulting

**Table 1b: Aggregate Employment Decomposition - by Industry
(Average Annual Figures)**

Industry	Employment	Net Change Due to:		
		Moves	Births	Growth
Agriculture, Forestry, Fishing and Hunting	1,597	-5	25	33
Mining	1,437	221	-4	24
Utilities	2,664	-3	-32	-23
Construction	25,842	-46	39	508
Manufacturing	28,412	239	-297	27
Wholesale Trade	14,987	20	-133	213
Retail Trade	51,739	65	206	46
Transportation and Warehousing	10,520	40	82	61
Information	16,494	-19	-523	300
Finance and Insurance	29,335	39	-56	345
Real Estate and Rental and Leasing	15,450	2	114	250
Professional, Scientific, and Technical Services	44,700	64	-93	901
Management of Companies and Enterprises	226	-22	21	0
Admin Support and Waste Mgmt Svcs	26,816	-15	1,202	337
Educational Services	21,817	-2	118	193
Health Care and Social Assistance	42,521	-22	63	954
Arts, Entertainment, and Recreation	9,985	21	247	126
Accommodation and Food Services	27,773	-4	567	-39
Other Services (except Public Administration)	23,289	61	331	-9
Public Administration	12,938	14	189	260
Other	258	-1	35	0

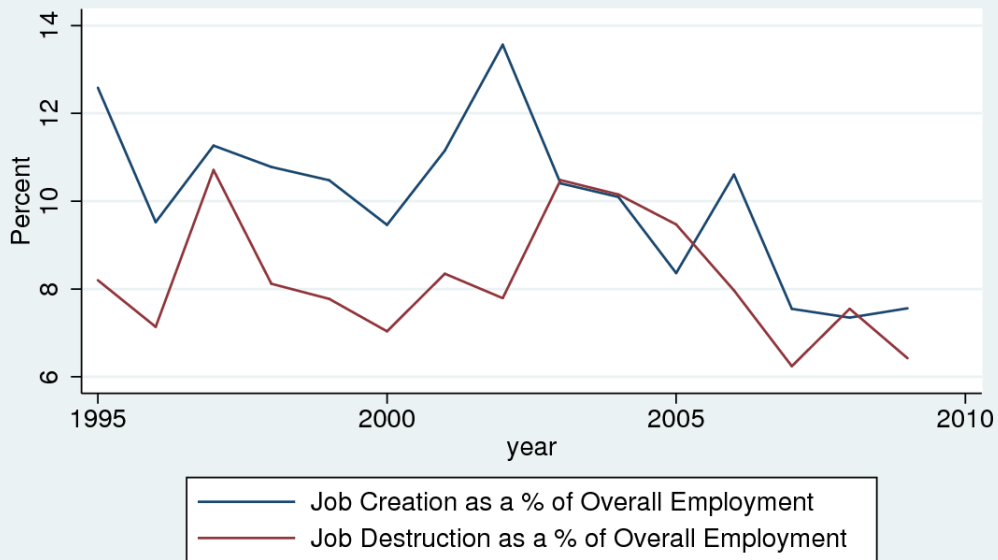
Source: NETS 2009, Calculations by Haveman Economic Consulting

Employment Change and Relocation in: Contra Costa All Industries



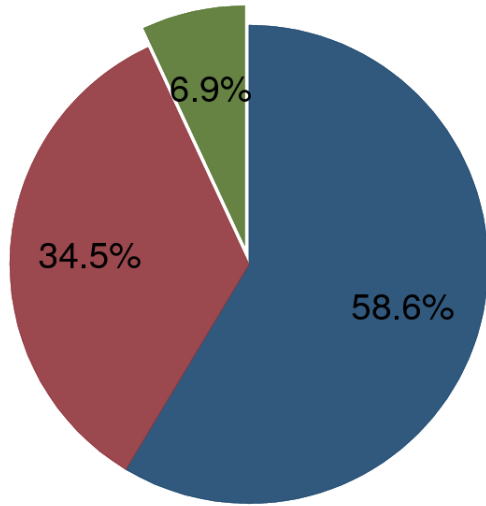
Source: NETS 2009, Calculations by Haveman Economic Consulting

Employment Churn in: Contra Costa All Industries



Source: NETS 2009, Calculations by Haveman Economic Consulting
Churn is defined as the percent change in employment due to job creation or destruction.

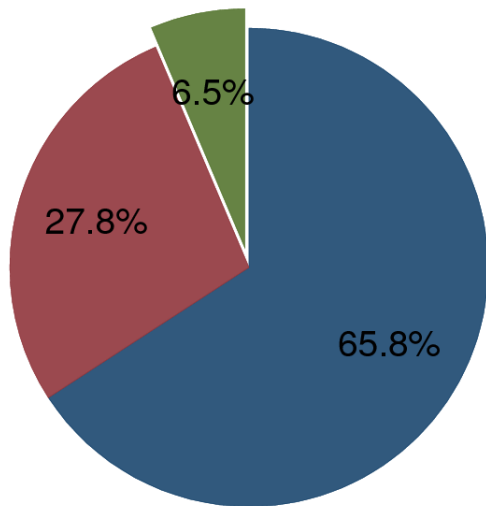
Job Creation in: Contra Costa Average over period



Births Expansions Moves In

Source: NETS 2009, Calculations by Haveman Economic Consulting

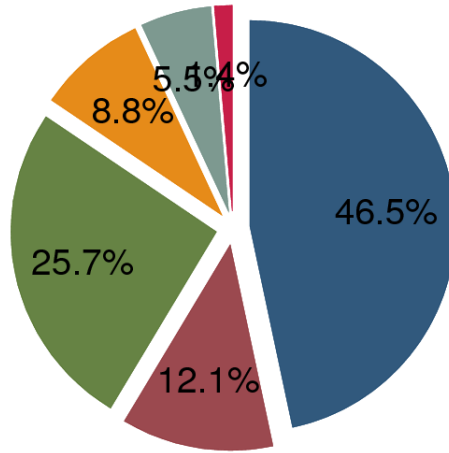
Job Destruction in: Contra Costa Average over period



Deaths Contractions Moves Out

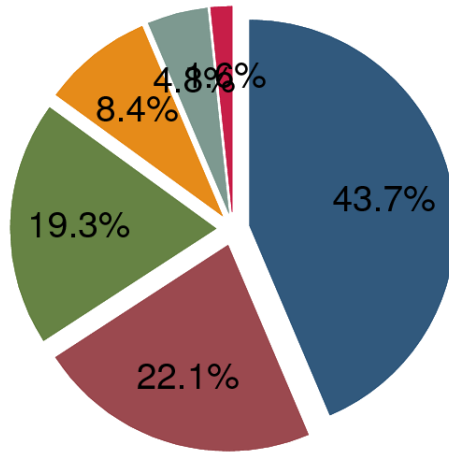
Source: NETS 2009, Calculations by Haveman Economic Consulting

Job Creation in: Contra Costa
Average over period



Source: NETS 2009, Calculations by Haveman Economic Consulting

Job Destruction in: Contra Costa
Average over period



Source: NETS 2009, Calculations by Haveman Economic Consulting

Table 2: Sources of Job Creation and Job Destruction - by Industry
(Average Annual Figures, % of Total)

Industry	Job Creation			Deaths	Job Destruction		Job Churn	
	Births	Growth	Move In		Contraction	Move Out	Creation	Destruction
Ag., Forestry, Fishing and Hunting	55.0	36.6	8.4	59.3	27.7	13.0	9.0	5.7
Mining	29.2	52.4	18.4	80.3	13.3	6.4	15.5	3.4
Utilities	52.0	44.7	3.3	65.4	29.3	5.2	3.5	6.1
Construction	50.9	42.2	6.9	61.0	28.4	10.6	10.5	8.6
Manufacturing	47.6	33.9	18.5	59.4	30.4	10.1	8.9	9.1
Wholesale Trade	52.1	35.5	12.4	64.9	22.9	12.2	11.3	10.9
Retail Trade	68.2	28.1	3.7	70.8	26.7	2.6	8.6	8.0
Transportation and Warehousing	57.6	33.1	9.3	61.4	28.9	9.7	9.0	7.3
Information	53.9	37.2	8.9	66.1	23.2	10.7	11.2	13.5
Finance and Insurance	56.4	35.5	8.1	63.7	28.2	8.1	10.2	9.0
Real Estate and Rental and Leasing	58.9	36.9	4.2	67.1	28.1	4.8	10.7	8.4
Prof., Sci., and Tech. Services	54.0	36.7	9.3	68.2	23.1	8.7	12.2	10.1
Admin Support and Waste Mgmt Svcs	66.8	27.9	5.3	65.4	26.1	8.6	14.0	8.8
Educational Services	52.6	42.4	5.0	57.2	36.9	5.9	4.6	3.2
Health Care and Social Assistance	52.9	44.4	2.7	63.3	32.1	4.6	9.6	7.2
Arts, Entertainment, and Recreation	64.1	30.9	5.0	73.8	22.9	3.3	9.6	5.1
Accommodation and Food Services	77.0	20.5	2.5	71.1	26.1	2.8	8.0	6.0
Other Services (except Public Admin)	63.6	31.6	4.7	65.0	32.2	2.8	10.6	9.1
Public Administration	57.8	40.6	1.6	55.9	42.6	1.6	10.9	8.0
Other	99.1	0.0	0.9	92.6	0.0	7.4	25.0	13.2
All Industries	58.6	34.5	6.9	65.8	27.8	6.5	10.0	8.2

Source: NETS 2009, Calculations by Haveman Economic Consulting

Figure 2: All Industries

Region: Contra Costa

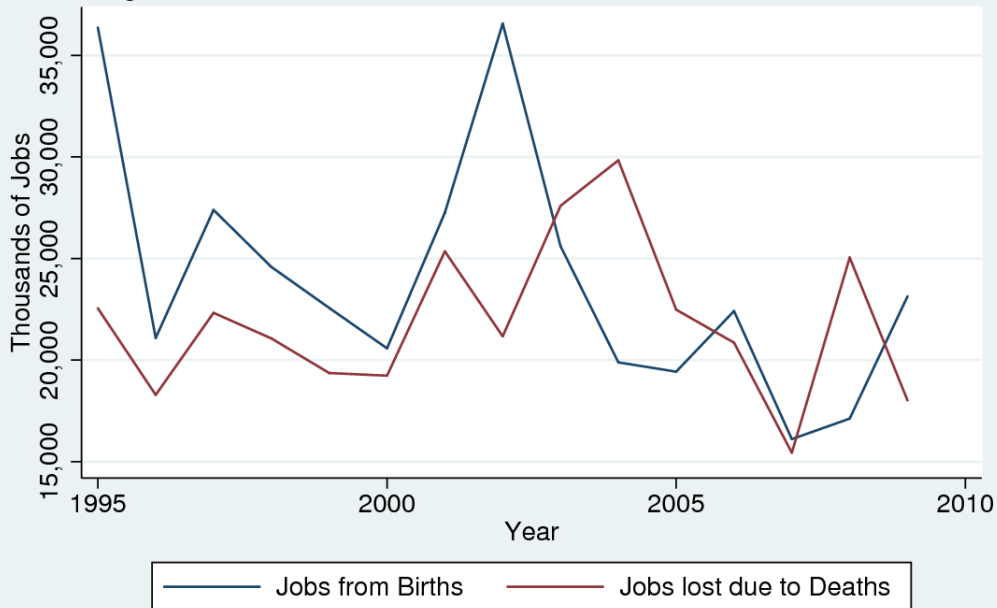


Figure 3: All Industries

Region: Contra Costa

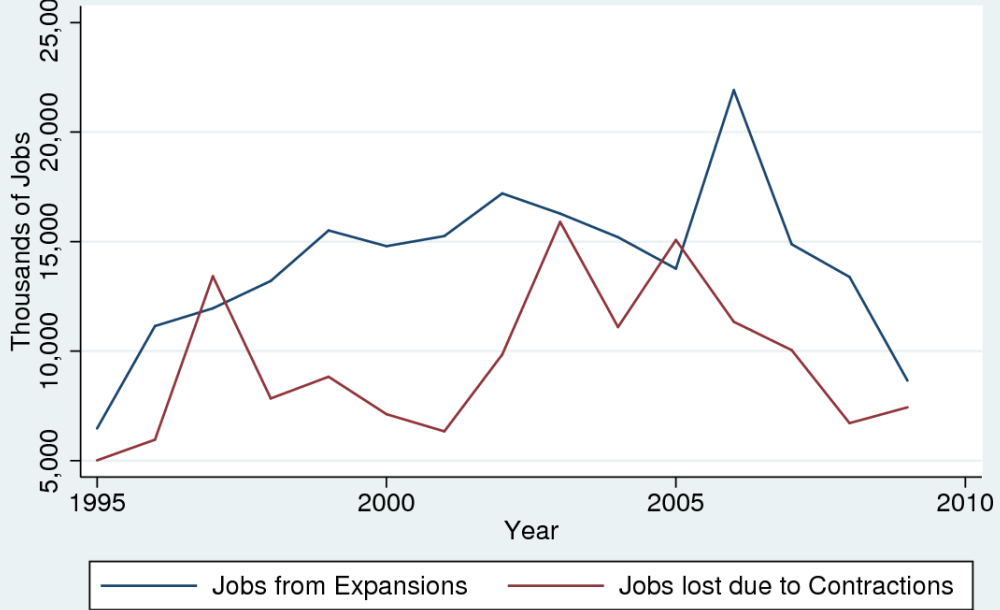


Figure 4: All Industries

Region: Contra Costa

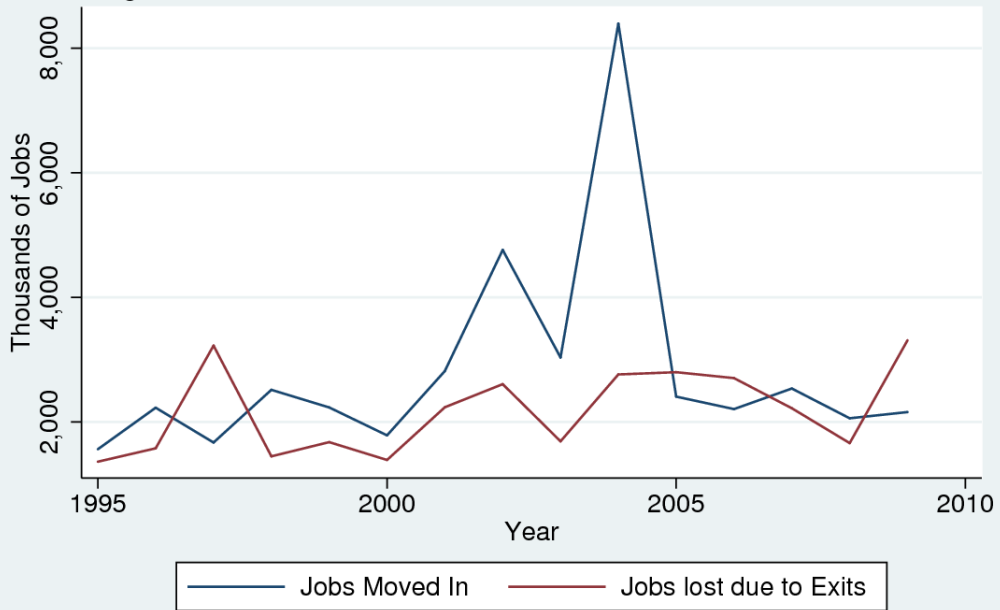


Table 3: Top 15 Move Ins

Year	Company	Industry	Employment	From (County):	To (City):
2004	Chevron Corporation	Manufacturing	1,329	San Francisco	San Ramon
2002	Ocular Sciences Inc	Manufacturing	1,031	San Mateo	Concord
2004	Getty Mining International	Mining	1,014	Westchester, NY	San Ramon
2004	Iron Horse Insurance Co	Mining	900	Westchester, NY	San Ramon
2004	Texaco Inc	Mining	800	Westchester, NY	San Ramon
2003	Pmi Mortgage Services Co	Finance and Insurance	800	San Francisco	Walnut Creek
2004	Independent Contractor Svcs	Other Services (except Public Administration)	600	Amador	Alamo
2009	Ascent Services Group Inc	Professional, Scientific, and Technical Services	450	San Francisco	Walnut Creek
1998	Bayer Hlthcare Phrmcticals LLC	Professional, Scientific, and Technical Services	425	San Mateo	Richmond
2004	Chevron Usa Inc	Mining	402	San Francisco	San Ramon
2002	Dicon Fiberoptics Inc	Manufacturing	400	Alameda	Richmond
2004	Forestview Mortgage Insur Co	Finance and Insurance	400	San Francisco	Walnut Creek
2007	Nancys Specialty Foods	Manufacturing	375	Alameda	Walnut Creek
2006	Twl Corporation	Educational Services	314	Alameda	Lafayette
2003	Pmi Group Inc	Finance and Insurance	300	San Francisco	Walnut Creek

Source: NETS 2009, Calculations by Haveman Economic Consulting

Table 3a: Top 15 Move Ins - NAICS 4 Description

Year	Company	Industry	Detailed Industry
2004	Chevron Corporation	Manufacturing	Petroleum Refineries
2002	Ocular Sciences Inc	Manufacturing	Ophthalmic Goods Manufacturing
2004	Getty Mining International	Mining	Crude Petroleum and Natural Gas Extraction
2004	Iron Horse Insurance Co	Mining	Crude Petroleum and Natural Gas Extraction
2004	Texaco Inc	Mining	Crude Petroleum and Natural Gas Extraction
2003	Pmi Mortgage Services Co	Finance and Insurance	Direct Property and Casualty Insurance Carriers
2004	Independent Contractor Svcs	Other Services (except Public Administration)	Professional Organizations
2009	Ascent Services Group Inc	Professional, Scientific, and Technical Services	Computer Systems Design Services
1998	Bayer Hlthcare Phrmcticals LLC	Professional, Scientific, and Technical Services	Research and Development in the Physical, Engineering, and
2004	Chevron Usa Inc	Mining	Crude Petroleum and Natural Gas Extraction
2002	Dicon Fiberoptics Inc	Manufacturing	Other Electronic Component Manufacturing
2004	Forestview Mortgage Insur Co	Finance and Insurance	Direct Property and Casualty Insurance Carriers
2007	Nancys Specialty Foods	Manufacturing	Frozen Specialty Food Manufacturing
2006	Twl Corporation	Educational Services	Educational Support Services
2003	Pmi Group Inc	Finance and Insurance	Direct Property and Casualty Insurance Carriers

Source: NETS 2009, Calculations by Haveman Economic Consulting

Table 4: Top 15 Leavers

Year	Company	Industry	Employment	From (City):	To (County):
2009	Managed Health Network	Finance and Insurance	1,100	Richmond	Marin
2009	Solera Holdings Inc	Professional, Scientific, and Technical Services	1,000	San Ramon	San Diego
1997	Takecare Inc	Health Care and Social Assistance	700	Concord	Orange
1997	Staff Network Plus	Admin Support and Waste Mgmt Svcs	550	Martinez	Santa Clara
2002	Pixar	Information	460	Richmond	Alameda
1997	Highland Framers Of Nthrn Cal	Construction	350	Brentwood	Alameda
2006	Leisure Sports Inc	Management of Companies and Enterprises	350	Walnut Creek	Alameda
2001	Home Finishes Inc	Construction	325	San Ramon	Alameda
2007	Twl Corporation	Educational Services	314	Lafayette	Denton, TX
1997	Al America Holdings Inc	Manufacturing	300	Walnut Creek	Harris, TX
2006	Teradyne Inc	Manufacturing	260	Walnut Creek	Middlesex, MA
1995	Vodafone Americas Asia Inc	Information	250	Walnut Creek	San Francisco
2006	Ncln 20 Inc	Admin Support and Waste Mgmt Svcs	220	Lafayette	Alameda
2005	Ford Motor Company	Wholesale Trade	220	Richmond	San Joaquin
2002	F Rodgers Specialty Contr	Construction	200	Antioch	Alameda

Source: NETS 2009, Calculations by Haveman Economic Consulting

Table 4a: Top 15 Leavers

Year	Company	Industry	Detailed Industry
2009	Managed Health Network	Finance and Insurance	Direct Health and Medical Insurance Carriers
2009	Solera Holdings Inc	Professional, Scientific, and Technical Services	Custom Computer Programming Services
1997	Takecare Inc	Health Care and Social Assistance	HMO Medical Centers
1997	Staff Network Plus	Admin Support and Waste Mgmt Svcs	Temporary Help Services
2002	Pixar	Information	Motion Picture and Video Production
1997	Highland Framers Of Nthrn Cal	Construction	Framing Contractors
2006	Leisure Sports Inc	Management of Companies and Enterprises	Offices of Other Holding Companies
2001	Home Finishes Inc	Construction	Residential Remodelers
2007	Twl Corporation	Educational Services	Educational Support Services
1997	Al America Holdings Inc	Manufacturing	Industrial Gas Manufacturing
2006	Teradyne Inc	Manufacturing	Instrument Manufacturing for Measuring and Testing Electric
1995	Vodafone Americas Asia Inc	Information	Cellular and Other Wireless Telecommunications
2006	Ncln 20 Inc	Admin Support and Waste Mgmt Svcs	Security Guards and Patrol Services
2005	Ford Motor Company	Wholesale Trade	Motor Vehicle Supplies and New Parts Merchant Wholesalers
2002	F Rodgers Specialty Contr	Construction	Drywall and Insulation Contractors

Source: NETS 2009, Calculations by Haveman Economic Consulting

Table 5: Move Ins Relative to Move Outs - Across Time

Contents are (Ratio MoveIns/MoveOuts in Contra Costa County)/(Average Ratio in Other Regions)

Industry	Total	1995-2000	2001-2003	2004-2007	2008-2009	All Yrs
by Employment						
Mining	24,879	1.72				4.90
Arts, Entertainment, and Recreation	171,648	1.53	1.73	2.26	1.34	2.15
Finance and Insurance	532,489	2.03	3.00	1.21	0.24	1.88
Transportation and Warehousing	186,082	1.43	2.64	0.61	2.95	1.87
Retail Trade	969,367	1.40	2.43	1.79	1.55	1.83
Manufacturing	544,128	1.00	2.75	2.17	1.42	1.73
Total	7,433,932	1.23	1.58	1.69	1.22	1.53
Wholesale Trade	284,504	1.74	1.63	0.93	1.98	1.37
Admin Support and Waste Mgmt Svcs	468,424	0.69	0.76	1.41	1.37	1.36
Health Care and Social Assistance	756,634	0.70	1.22	1.49	1.26	1.20
Educational Services	401,059	1.72	0.05	0.93	1.28	1.17
Information	310,069	0.80	0.58	1.11	1.58	1.12
Real Estate and Rental and Leasing	278,831	1.14	2.81	0.42	0.72	1.10
Construction	476,889	1.08	0.48	1.46	1.32	1.09
Accommodation and Food Services	494,347	1.32	1.23	0.80	0.35	0.99
Utilities	50,115	0.16				0.68
Public Administration	230,689		0.11	2.94		0.46
Other	3,932		0.34	0.00		0.13
Ag., Forestry, Fishing and Hunting	28,474					
Other Services (except Public Administration)						
Other Services (except Public Admin)	425,547					
Prof., Sci., and Tech. Services	795,824					
Agriculture, Forestry, Fishing and Hunting						
Professional, Scientific, and Technical Services						
by Number of Establishments						
Mining	768	1.06				3.36
Public Administration	4,246		1.43	2.61		2.18
Retail Trade	118,506	1.45	2.02	1.83	1.67	1.77
Transportation and Warehousing	16,992	1.62	1.64	1.54	1.92	1.70
Finance and Insurance	55,905	1.93	2.17	1.12	1.54	1.66
Manufacturing	38,870	1.42	1.63	1.66	1.48	1.63
Educational Services	16,063	1.25	1.33	1.58	0.73	1.58
Real Estate and Rental and Leasing	50,496	1.54	2.43	1.11	1.17	1.57
Total	931,688	1.51	1.60	1.39	1.38	1.51
Health Care and Social Assistance	78,765	1.21	1.27	1.57	1.36	1.51
Construction	83,112	1.44	1.77	1.51	1.10	1.49
Wholesale Trade	46,484	1.67	1.22	1.43	1.20	1.42
Information	19,712	1.48	1.70	1.20	1.60	1.41
Admin Support and Waste Mgmt Svcs	95,244	0.99	1.63	1.30	1.19	1.39
Accommodation and Food Services	33,210	1.16	1.43	1.63	1.66	1.33
Arts, Entertainment, and Recreation	19,516	1.72	1.43	1.08	1.49	1.33
Utilities	1,012	0.63				1.16
Other	765		0.83	0.00		0.28
Professional, Scientific, and Technical Services						
Agriculture, Forestry, Fishing and Hunting						
Prof., Sci., and Tech. Services	143,480					
Other Services (except Public Admin)	102,974					
Other Services (except Public Administration)						
Ag., Forestry, Fishing and Hunting	5,568					

Source: NETS 2009, Calculations by Haveman Economic Consulting

Table 5a: Move Ins Relative to Move Outs - 1995-2009

Industry	Total	Ratio	Contra Costa	San Francisco	Santa Clara	Los Angeles	Alameda	Contra Costa
by Employment								
Mining	24,879	4.90	41.34	0.04	0.18	0.54	0.09	41.34
Arts, Entertainment, and Recreation	171,648	2.15	2.53	1.38	0.46	0.82	0.68	2.53
Finance and Insurance	532,489	1.88	1.23	0.31	0.31	0.55	0.86	1.23
Transportation and Warehousing	186,082	1.87	1.73	0.70	0.41	0.34	1.44	1.73
Retail Trade	969,367	1.83	1.56	0.79	0.77	0.48	0.66	1.56
Manufacturing	544,128	1.73	1.68	0.41	0.59	0.41	1.77	1.68
Total	7,433,932	1.53	1.33	0.51	0.67	0.51	1.32	1.33
Wholesale Trade	284,504	1.37	1.11	0.42	0.62	0.45	1.44	1.11
Admin Support and Waste Mgmt Svcs	468,424	1.36	1.14	0.31	1.25	0.68	0.79	1.14
Health Care and Social Assistance	756,634	1.20	0.87	0.65	0.68	0.52	0.91	0.87
Educational Services	401,059	1.17	0.92	0.78	0.63	0.40	1.22	0.92
Information	310,069	1.12	1.04	1.01	0.75	0.82	1.01	1.04
Real Estate and Rental and Leasing	278,831	1.10	1.03	0.95	0.68	1.02	1.00	1.03
Construction	476,889	1.09	0.81	0.54	0.45	0.48	1.43	0.81
Accommodation and Food Services	494,347	0.99	0.77	0.56	0.69	0.39	1.51	0.77
Utilities	50,115	0.68	0.53	0.45	0.06	0.25	2.60	0.53
Public Administration	230,689	0.46	4.53	0.04	26.31	0.72	17.37	4.53
Other	3,932	0.13	0.10	0.02	1.50	0.83	1.50	0.10
Professional, Scientific, and Technical Services							1.30	
Ag., Forestry, Fishing and Hunting	28,474		0.56	0.51	0.34	1.08		0.56
Agriculture, Forestry, Fishing and Hunting							0.97	
Other Services (except Public Admin)	425,547		1.95	0.44	0.58	0.61		1.95
Prof., Sci., and Tech. Services	795,824		1.33	0.57	0.86	0.61		1.33
Other Services (except Public Administration)							0.96	
by Number of Establishments								
Mining	768	3.36	4.83	0.38	0.25	0.56	1.17	4.83
Public Administration	4,246	2.18	2.60	0.50	1.25	1.05	0.56	2.60
Retail Trade	118,506	1.77	1.43	0.51	0.75	0.61	0.75	1.43
Transportation and Warehousing	16,992	1.70	1.24	0.45	0.44	0.59	0.93	1.24
Finance and Insurance	55,905	1.66	1.30	0.62	0.59	0.58	0.83	1.30
Manufacturing	38,870	1.63	1.16	0.42	0.53	0.42	1.03	1.16
Educational Services	16,063	1.58	1.24	0.72	0.63	0.68	0.66	1.24
Real Estate and Rental and Leasing	50,496	1.57	1.25	0.66	0.52	0.66	0.89	1.25
Total	931,688	1.51	1.15	0.55	0.60	0.57	0.92	1.15
Health Care and Social Assistance	78,765	1.51	1.23	0.76	0.77	0.65	0.65	1.23
Construction	83,112	1.49	1.01	0.58	0.48	0.48	0.86	1.01
Wholesale Trade	46,484	1.42	1.07	0.40	0.58	0.55	1.16	1.07
Information	19,712	1.41	1.18	0.65	0.66	0.74	0.95	1.18
Admin Support and Waste Mgmt Svcs	95,244	1.39	1.01	0.53	0.65	0.59	0.83	1.01
Accommodation and Food Services	33,210	1.33	1.32	0.76	0.88	0.89	1.09	1.32
Arts, Entertainment, and Recreation	19,516	1.33	1.09	0.64	0.61	0.78	0.98	1.09
Utilities	1,012	1.16	1.00	1.00	0.33	0.70	1.29	1.00
Other	765	0.28	0.14	0.25	0.67	1.00	0.50	0.14
Agriculture, Forestry, Fishing and Hunting							1.21	
Prof., Sci., and Tech. Services	143,480		1.10	0.56	0.60	0.60		1.10
Other Services (except Public Admin)	102,974		0.98	0.53	0.60	0.55		0.98
Other Services (except Public Administration)							0.85	
Professional, Scientific, and Technical Services							0.96	
Ag., Forestry, Fishing and Hunting	5,568		0.91	0.88	0.87	0.91		0.91

Source: NETS 2009, Calculations by Haveman Economic Consulting

Note: Ratio is the Contra Costaratio divided by the average of the ratio in the other regions.

Table 5b: Move Ins Relative to Move Outs - 1995-2000

Industry	Total	Ratio	Alameda	San Francisco	Santa Clara	Los Angeles	Alameda	Contra Costa
by Employment								
Finance and Insurance	129,611	2.03	2.07	0.91	0.58	0.37	1.16	2.07
Wholesale Trade	77,938	1.74	1.51	0.48	0.49	0.45	1.40	1.51
Educational Services	97,212	1.72	1.33	1.40	0.77	0.32	0.04	1.33
Mining	1,490	1.72	0.50	0.03	0.00	0.12	0.80	0.50
Arts, Entertainment, and Recreation	40,929	1.53	1.68	1.31	1.75	0.24	0.50	1.68
Transportation and Warehousing	46,073	1.43	1.21	0.09	0.26	0.30	2.38	1.21
Retail Trade	245,845	1.40	1.97	2.49	0.65	0.37	1.55	1.97
Accommodation and Food Services	121,585	1.32	1.04	1.20	0.65	0.12	0.91	1.04
Total	1,837,156	1.23	1.10	0.44	0.84	0.44	1.66	1.10
Real Estate and Rental and Leasing	67,630	1.14	1.22	0.61	0.82	0.98	1.72	1.22
Construction	110,125	1.08	0.75	0.78	0.33	0.46	1.17	0.75
Manufacturing	135,707	1.00	0.86	0.17	0.73	0.40	2.14	0.86
Information	96,824	0.80	0.88	0.27	1.16	1.12	2.03	0.88
Health Care and Social Assistance	182,711	0.70	0.70	0.42	0.78	0.46	2.66	0.70
Admin Support and Waste Mgmt Svcs	107,322	0.69	0.64	0.18	2.01	0.86	0.93	0.64
Utilities	13,442	0.16	0.08	2.10	0.00	0.14	0.38	0.08
Other Services (except Public Admin)	105,090		1.63	0.16	0.60	0.50		1.63
Prof., Sci., and Tech. Services	204,318		1.60	0.85	1.33	0.40		1.60
Other	574							
Ag., Forestry, Fishing and Hunting	6,669		0.43	0.91	1.00	0.58		0.43
Agriculture, Forestry, Fishing and Hunting							0.52	
Other Services (except Public Administration)							1.39	
Public Administration	46,061		2.41	0.00		0.24	56.25	2.41
Professional, Scientific, and Technical Services							1.84	
by Number of Establishments								
Finance and Insurance	12,253	1.93	1.72	0.64	0.86	0.52	0.72	1.72
Arts, Entertainment, and Recreation	4,518	1.72	1.33	0.68	0.61	0.45	0.79	1.33
Wholesale Trade	12,081	1.67	1.38	0.43	0.56	0.54	1.22	1.38
Transportation and Warehousing	3,681	1.62	1.29	0.46	0.30	0.60	1.33	1.29
Real Estate and Rental and Leasing	11,950	1.54	1.17	0.46	0.73	0.59	0.83	1.17
Total	208,519	1.51	1.22	0.61	0.64	0.52	1.05	1.22
Information	4,040	1.48	1.43	0.61	0.71	0.74	1.36	1.43
Retail Trade	27,150	1.45	1.26	0.57	0.89	0.54	1.08	1.26
Construction	18,888	1.44	1.07	0.81	0.47	0.43	0.92	1.07
Manufacturing	9,443	1.42	0.99	0.46	0.49	0.38	1.15	0.99
Educational Services	3,752	1.25	1.14	1.80	0.57	0.75	0.31	1.14
Health Care and Social Assistance	19,909	1.21	1.00	0.84	0.87	0.60	0.84	1.00
Accommodation and Food Services	8,028	1.16	1.00	0.82	0.56	0.71	1.22	1.00
Mining	155	1.06	1.00	0.33	0.00	0.38	3.00	1.00
Admin Support and Waste Mgmt Svcs	12,292	0.99	0.80	0.78	0.80	0.60	1.04	0.80
Utilities	257	0.63	0.67	4.00	0.00	0.25	0.33	0.67
Other	75							
Professional, Scientific, and Technical Services							0.96	
Other Services (except Public Administration)							1.21	
Agriculture, Forestry, Fishing and Hunting							1.33	
Ag., Forestry, Fishing and Hunting	1,170		0.67	0.60	0.70	0.47		0.67
Prof., Sci., and Tech. Services	34,244		1.41	0.73	0.74	0.50		1.41
Other Services (except Public Admin)	23,771		1.06	0.36	0.75	0.63		1.06
Public Administration	862		3.00	0.00		0.83	0.50	3.00

Source: NETS 2009, Calculations by Haveman Economic Consulting

Note: Ratio is the Contra Costaratio divided by the average of the ratio in the other regions.

Table 5c: Move Ins Relative to Move Outs - 2001-2003

Industry	Total	Ratio	Alameda	San Francisco	Santa Clara	Los Angeles	Alameda	Contra Costa
by Employment								
Finance and Insurance	96,018	3.00	5.45	0.22	0.34	0.46	2.60	5.45
Real Estate and Rental and Leasing	47,750	2.81	3.28	0.49	0.18	0.75	1.13	3.28
Manufacturing	87,357	2.75	4.09	0.23	0.21	0.51	2.39	4.09
Transportation and Warehousing	34,871	2.64	3.46	1.28	0.63	0.13	1.05	3.46
Retail Trade	154,195	2.43	2.87	0.11	1.12	1.03	0.78	2.87
Arts, Entertainment, and Recreation	31,688	1.73	2.87	0.61	0.23	3.20	1.39	2.87
Wholesale Trade	44,870	1.63	1.25	0.16	0.72	0.55	1.16	1.25
Total	1,268,800	1.58	1.63	0.41	0.51	0.63	1.98	1.63
Accommodation and Food Services	87,478	1.23	0.81	0.48	0.40	0.44	1.15	0.81
Health Care and Social Assistance	127,706	1.22	1.12	0.95	0.49	1.14	0.88	1.12
Admin Support and Waste Mgmt Svcs	77,949	0.76	0.86	0.30	1.62	1.46	1.41	0.86
Information	51,705	0.58	0.65	1.45	0.90	0.51	2.11	0.65
Construction	81,213	0.48	0.52	0.40	0.48	0.61	3.32	0.52
Other	1,411	0.34	0.50	0.00	5.00	1.90	0.00	0.50
Public Administration	38,963	0.11	0.44	0.00	3.50	0.13	16.80	0.44
Educational Services	67,082	0.05	0.15	0.14	0.06	3.35	11.71	0.15
Other Services (except Public Administration)							3.01	
Other Services (except Public Admin)	76,522		1.69	0.85	0.73	0.49		1.69
Prof., Sci., and Tech. Services	146,951		1.11	0.35	0.61	0.73		1.11
Agriculture, Forestry, Fishing and Hunting							1.34	
Ag., Forestry, Fishing and Hunting	4,994		5.64	0.92	0.12	0.78		5.64
Utilities	8,388		13.33	0.00		0.25	44.33	13.33
Professional, Scientific, and Technical Services							2.35	
Mining	1,689			0.00		12.15	0.00	
by Number of Establishments								
Real Estate and Rental and Leasing	8,120	2.43	2.13	0.53	0.20	0.65	0.88	2.13
Finance and Insurance	8,809	2.17	1.74	0.39	0.36	0.58	0.94	1.74
Retail Trade	18,461	2.02	1.75	0.42	0.59	0.69	0.88	1.75
Construction	12,591	1.77	1.24	0.35	0.34	0.53	1.04	1.24
Information	3,528	1.70	1.62	0.52	0.60	0.90	1.13	1.62
Transportation and Warehousing	2,683	1.64	1.24	0.50	0.52	0.66	0.86	1.24
Manufacturing	6,264	1.63	1.23	0.38	0.42	0.54	1.21	1.23
Admin Support and Waste Mgmt Svcs	12,238	1.63	1.09	0.42	0.42	0.55	0.87	1.09
Total	148,031	1.60	1.24	0.41	0.48	0.66	1.09	1.24
Arts, Entertainment, and Recreation	3,369	1.43	1.33	0.28	0.86	1.01	1.17	1.33
Accommodation and Food Services	5,441	1.43	1.17	0.52	0.57	0.92	0.91	1.17
Public Administration	807	1.43	2.00	0.50	1.00	1.50	2.00	2.00
Educational Services	2,738	1.33	1.33	0.39	0.27	1.20	1.82	1.33
Health Care and Social Assistance	13,115	1.27	1.18	0.84	1.03	0.83	0.76	1.18
Wholesale Trade	7,131	1.22	0.81	0.24	0.51	0.63	1.13	0.81
Other	187	0.83	0.50	0.00	1.00	1.50	0.00	0.50
Professional, Scientific, and Technical Services							1.29	
Agriculture, Forestry, Fishing and Hunting							5.00	
Ag., Forestry, Fishing and Hunting	950		2.00	1.00	0.50	1.22		2.00
Prof., Sci., and Tech. Services	24,094		1.20	0.39	0.44	0.72		1.20
Other Services (except Public Administration)							1.21	
Utilities	164		2.00	0.00		0.67	3.00	2.00
Other Services (except Public Admin)	17,231		0.82	0.60	0.65	0.62		0.82
Mining	110			0.00		0.83	0.00	

Source: NETS 2009, Calculations by Haveman Economic Consulting

Note: Ratio is the Contra Costaratio divided by the average of the ratio in the other regions.

Table 5d: Move Ins Relative to Move Outs - 2004-2007

Industry	Total	Ratio	Alameda	San Francisco	Santa Clara	Los Angeles	Alameda	Contra Costa
by Employment								
Public Administration	64,095	2.94	6.91	0.30	2.33	0.59	1.59	6.91
Arts, Entertainment, and Recreation	45,308	2.26	3.60	2.05	0.81	0.89	0.63	3.60
Manufacturing	119,585	2.17	2.19	0.44	0.74	0.57	1.09	2.19
Retail Trade	213,900	1.79	1.37	0.71	0.74	0.44	0.58	1.37
Total	1,738,144	1.69	1.53	0.79	0.81	0.58	0.82	1.53
Health Care and Social Assistance	189,271	1.49	1.21	1.15	0.73	0.67	0.31	1.21
Construction	111,999	1.46	1.06	0.73	0.43	0.34	1.05	1.06
Admin Support and Waste Mgmt Svcs	118,642	1.41	0.96	0.69	0.73	0.26	0.77	0.96
Finance and Insurance	125,092	1.21	0.82	0.63	0.75	0.82	0.39	0.82
Information	53,247	1.11	1.03	1.51	0.78	0.83	0.47	1.03
Educational Services	95,408	0.93	1.04	1.58	0.56	0.39	2.02	1.04
Wholesale Trade	57,352	0.93	0.75	1.01	0.63	0.48	1.13	0.75
Accommodation and Food Services	121,654	0.80	0.91	0.57	1.06	1.20	1.97	0.91
Transportation and Warehousing	43,313	0.61	0.48	0.17	0.69	0.81	1.76	0.48
Real Estate and Rental and Leasing	67,464	0.42	0.43	1.68	0.72	1.11	1.20	0.43
Other	1,057	0.00	0.00	0.03	0.80	0.32	3.00	0.00
Other Services (except Public Administration)							0.45	
Utilities	10,621		0.00	2.75	0.00	1.01		0.00
Prof., Sci., and Tech. Services	182,440		1.16	0.81	1.15	0.75		1.16
Professional, Scientific, and Technical Services							0.61	
Ag., Forestry, Fishing and Hunting	7,009		0.15	0.27	0.24	1.77		0.15
Mining	12,726		43.59	0.02	0.62	0.18		43.59
Agriculture, Forestry, Fishing and Hunting							1.06	
Other Services (except Public Admin)	97,961		3.01	0.82	0.68	0.56		3.01
by Number of Establishments								
Public Administration	1,251	2.61	3.50	0.80	1.00	1.17	0.23	3.50
Retail Trade	26,685	1.83	1.46	0.54	0.66	0.64	0.68	1.46
Manufacturing	8,962	1.66	1.15	0.42	0.65	0.55	0.70	1.15
Accommodation and Food Services	8,171	1.63	1.81	0.76	0.88	1.06	1.04	1.81
Educational Services	4,131	1.58	1.18	0.66	0.58	0.74	0.58	1.18
Health Care and Social Assistance	19,308	1.57	1.16	0.59	0.64	0.68	0.62	1.16
Transportation and Warehousing	4,418	1.54	0.97	0.35	0.67	0.51	0.66	0.97
Construction	20,785	1.51	0.95	0.48	0.47	0.51	0.72	0.95
Wholesale Trade	10,082	1.43	1.04	0.51	0.75	0.57	0.76	1.04
Total	240,803	1.39	1.00	0.58	0.65	0.62	0.76	1.00
Admin Support and Waste Mgmt Svcs	33,023	1.30	0.85	0.43	0.67	0.63	0.69	0.85
Information	5,635	1.20	0.90	0.65	0.67	0.75	0.79	0.90
Finance and Insurance	15,381	1.12	0.81	0.81	0.58	0.61	0.83	0.81
Real Estate and Rental and Leasing	12,963	1.11	0.88	0.88	0.46	0.65	1.12	0.88
Arts, Entertainment, and Recreation	5,211	1.08	0.91	0.88	0.60	0.84	0.98	0.91
Other	262	0.00	0.00	1.00	0.60	0.64	1.00	0.00
Utilities	243		0.00	2.00	0.00	1.00		0.00
Other Services (except Public Admin)	25,927		0.99	0.69	0.59	0.56		0.99
Ag., Forestry, Fishing and Hunting	1,498		0.60	0.67	1.00	1.65		0.60
Prof., Sci., and Tech. Services	36,637		0.86	0.57	0.67	0.64		0.86
Other Services (except Public Administration)							0.72	
Mining	230		9.50	0.40	1.00	1.00		9.50
Agriculture, Forestry, Fishing and Hunting							0.38	
Professional, Scientific, and Technical Services							0.82	

Source: NETS 2009, Calculations by Haveman Economic Consulting

Note: Ratio is the Contra Costaratio divided by the average of the ratio in the other regions.

Table 5e: Move Ins Relative to Move Outs - 2008-2009

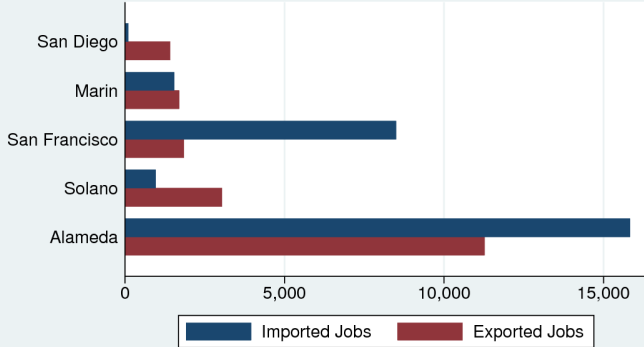
Industry	Total	Ratio	Alameda	San Francisco	Santa Clara	Los Angeles	Alameda	Contra Costa
by Employment								
Transportation and Warehousing	22,556	2.95	2.36	0.68	0.05	0.18	0.74	2.36
Wholesale Trade	29,618	1.98	2.07	0.59	0.71	0.44	1.43	2.07
Information	24,948	1.58	1.94	2.96	0.36	0.64	0.24	1.94
Retail Trade	112,447	1.55	1.27	0.57	0.43	0.83	0.98	1.27
Manufacturing	54,490	1.42	1.32	1.66	0.41	0.61	0.65	1.32
Admin Support and Waste Mgmt Svcs	75,048	1.37	1.38	0.24	2.18	0.57	0.64	1.38
Arts, Entertainment, and Recreation	22,672	1.34	1.71	2.04	0.19	2.16	0.31	1.71
Construction	60,019	1.32	1.07	0.69	0.55	0.80	0.96	1.07
Educational Services	46,318	1.28	1.60	0.44	3.03	0.80	0.39	1.60
Health Care and Social Assistance	98,445	1.26	0.84	0.77	0.61	0.88	0.24	0.84
Total	890,202	1.22	0.85	0.65	0.60	0.61	0.77	0.85
Real Estate and Rental and Leasing	35,182	0.72	0.86	0.94	1.35	2.30	0.55	0.86
Accommodation and Food Services	57,830	0.35	0.59	0.16	0.92	1.87	4.88	0.59
Finance and Insurance	61,778	0.24	0.18	0.80	0.51	0.77	1.43	0.18
Public Administration	35,156			0.08		217.00	4.00	
Mining	5,257		0.00		0.00	0.01		0.00
Utilities	4,690		0.00		0.00	0.17		0.00
Agriculture, Forestry, Fishing and Hunting							5.67	
Professional, Scientific, and Technical Services							0.82	
Other	613		0.00			2.83		0.00
Other Services (except Public Admin)	48,418		1.01	0.76	1.62	0.99		1.01
Other Services (except Public Administration)							0.49	
Prof., Sci., and Tech. Services	91,007		0.83	0.47	1.10	0.58		0.83
Ag., Forestry, Fishing and Hunting	3,711		2.00	0.82	0.80	2.57		2.00
by Number of Establishments								
Transportation and Warehousing	2,929	1.92	1.30	0.25	0.30	0.83	0.70	1.30
Retail Trade	14,480	1.67	1.42	0.39	0.88	0.74	0.83	1.42
Accommodation and Food Services	4,134	1.66	2.25	0.57	1.27	1.47	1.23	2.25
Information	3,137	1.60	1.29	0.81	0.65	0.60	0.67	1.29
Finance and Insurance	9,361	1.54	1.23	0.78	0.62	0.60	0.75	1.23
Arts, Entertainment, and Recreation	2,632	1.49	1.08	0.53	0.33	0.83	0.86	1.08
Manufacturing	4,918	1.48	1.17	0.43	0.95	0.64	0.76	1.17
Total	145,924	1.38	1.10	0.63	0.80	0.68	0.78	1.10
Health Care and Social Assistance	11,001	1.36	1.16	0.82	0.91	0.80	0.56	1.16
Wholesale Trade	5,767	1.20	1.00	0.84	0.67	0.62	1.03	1.00
Admin Support and Waste Mgmt Svcs	27,906	1.19	1.00	0.60	1.04	0.66	0.90	1.00
Real Estate and Rental and Leasing	7,647	1.17	0.92	0.81	0.73	0.78	0.71	0.92
Construction	12,433	1.10	0.89	0.93	0.87	0.58	0.79	0.89
Educational Services	2,290	0.73	0.62	1.00	1.30	0.56	0.79	0.62
Other Services (except Public Admin)	14,155		1.33	0.52	1.03	0.61		1.33
Other Services (except Public Administration)							0.49	
Prof., Sci., and Tech. Services	21,240		1.00	0.66	0.71	0.68		1.00
Other	182		0.00			3.00		0.00
Utilities	139		0.00		0.00	0.67		0.00
Professional, Scientific, and Technical Services							0.77	
Public Administration	642			0.50		3.00	1.00	
Agriculture, Forestry, Fishing and Hunting							2.00	
Mining	111		0.00		0.00	0.40		0.00
Ag., Forestry, Fishing and Hunting	820		1.67	2.00	1.50	1.43		1.67

Source: NETS 2009, Calculations by Haveman Economic Consulting

Note: Ratio is the Contra Costaratio divided by the average of the ratio in the other regions.

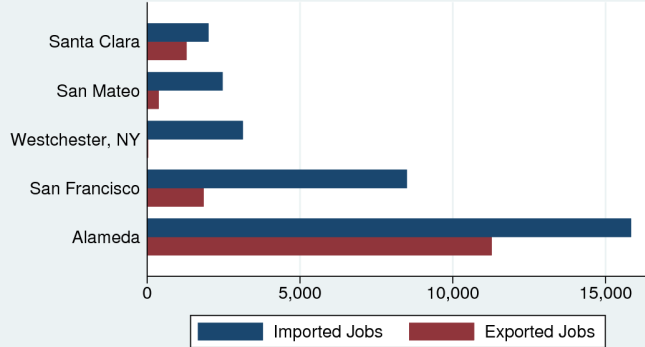
Largest Employment Trading Partners

**Top 5 Destination Counties for Employment
Region: Contra Costa
(1995–2009)**



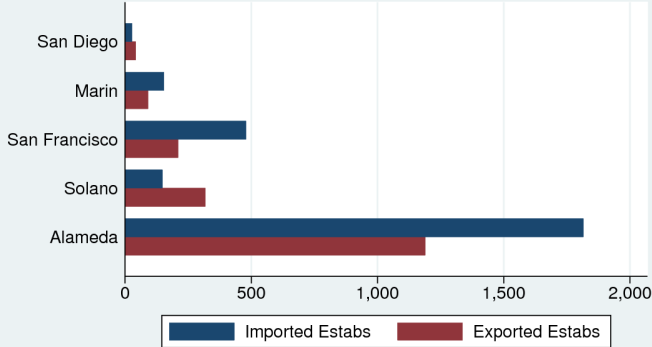
Note: Counties sorted by RED bars.
Counties are selected based on overall employment movement.

**Top 5 Source Counties of Employment
Region: Contra Costa
(1995–2009)**



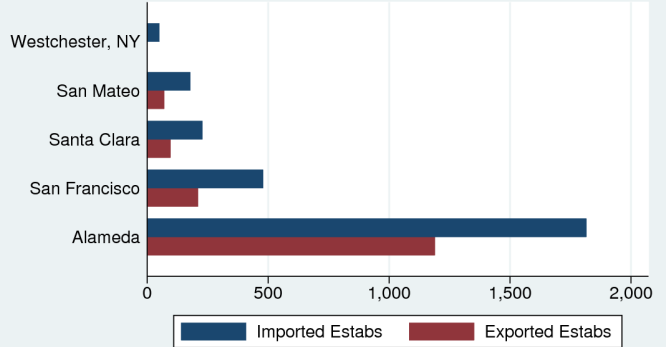
Note: Counties sorted by BLUE bars.
Counties are selected based on overall employment movement.

**Top 5 Destination Counties for Employment
Region: Contra Costa
(1995–2009)**



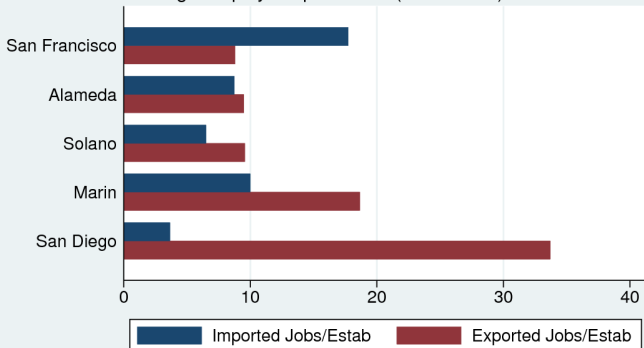
Note: Counties sorted by RED bars.
Counties are selected based on overall employment movement.

**Top 5 Source Counties for Employment
Region: Contra Costa
(1995–2009)**



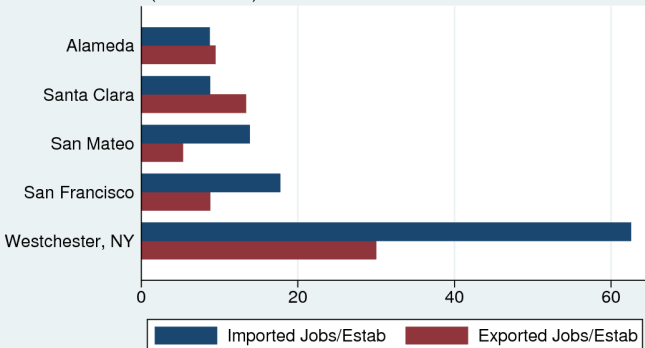
Note: Counties sorted by BLUE bars.
Counties are selected based on overall employment movement.

**Top 5 Destination Counties for Employment
Region: Contra Costa
Average Employees per Estab: (1995–2009)**



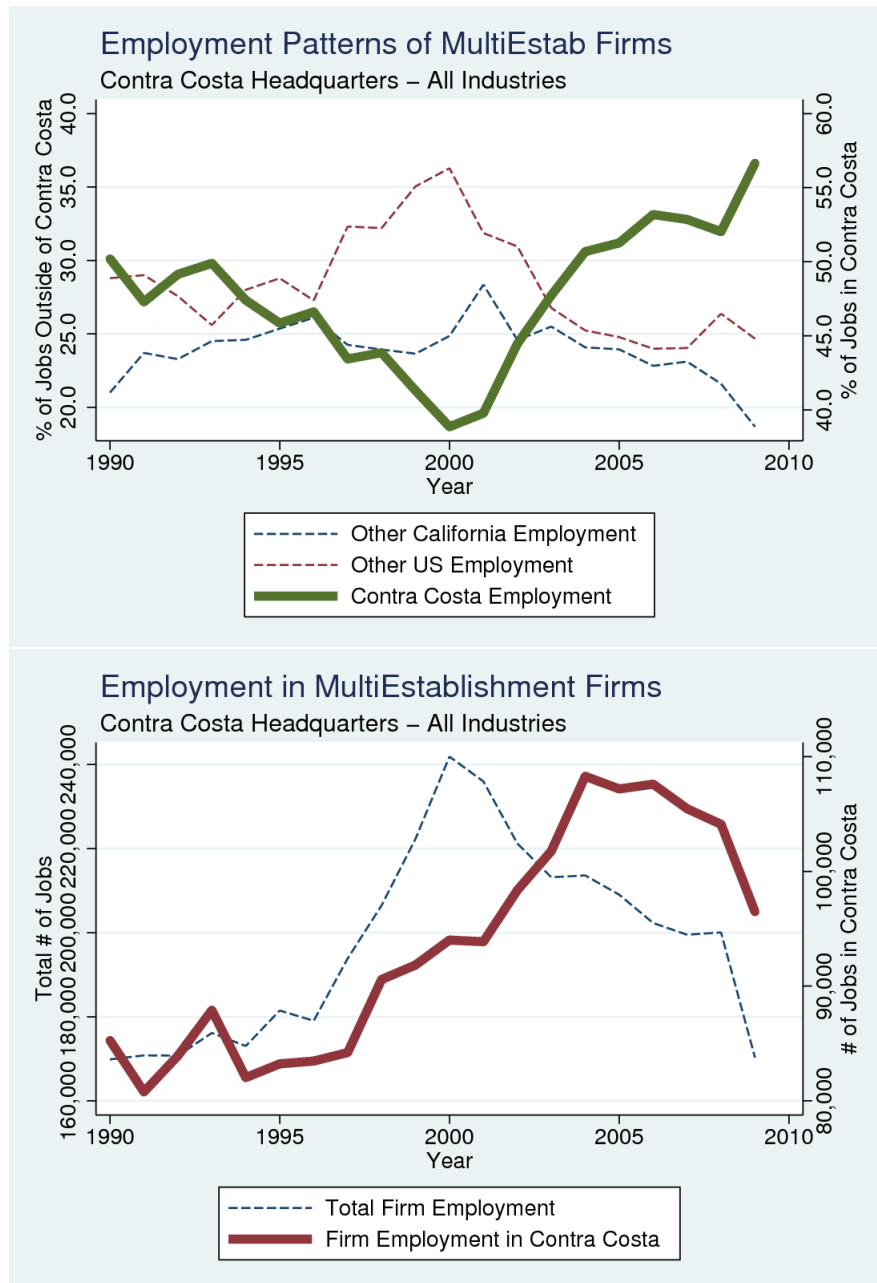
Note: Counties sorted by RED bars.
Counties are selected based on overall employment movement.

**Top 5 Source Counties for Employment
Region: Contra Costa
(1995–2009)**



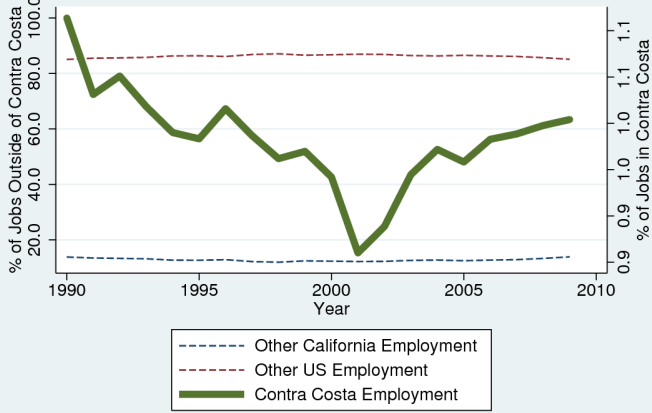
Note: Counties sorted by BLUE bars.
Counties are selected based on overall employment movement.

IntraFirm Geographical Employment Changes



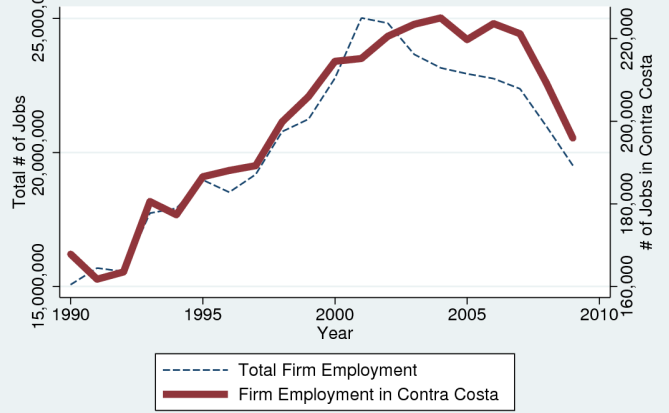
Employment Patterns of MultiEstab Firms

ALL – All Industries



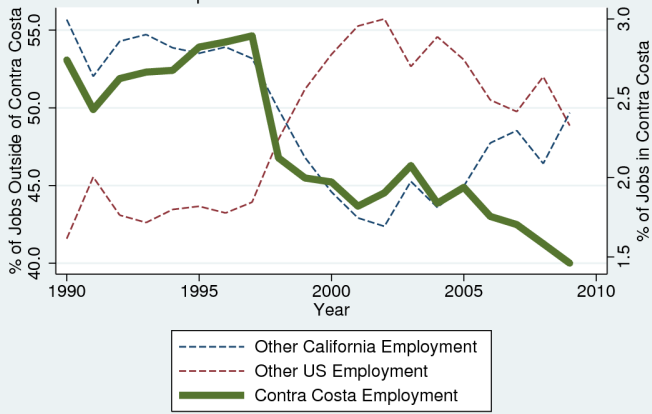
Employment in MultiEstablishment Firms

ALL – All Industries



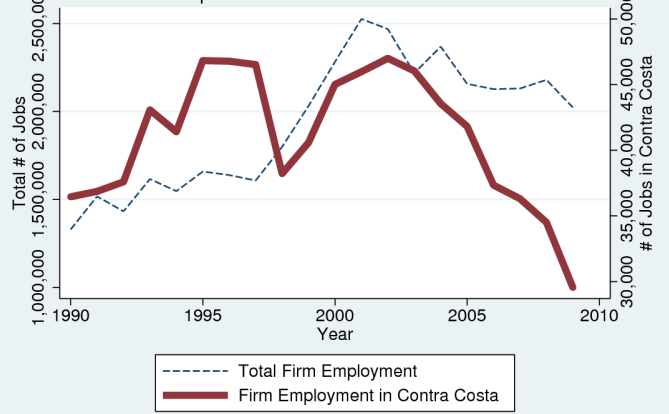
Employment Patterns of MultiEstab Firms

Other CA Headquarters – All Industries



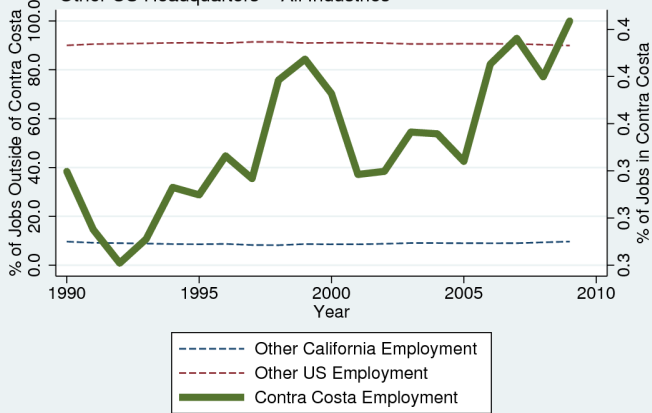
Employment in MultiEstablishment Firms

Other CA Headquarters – All Industries



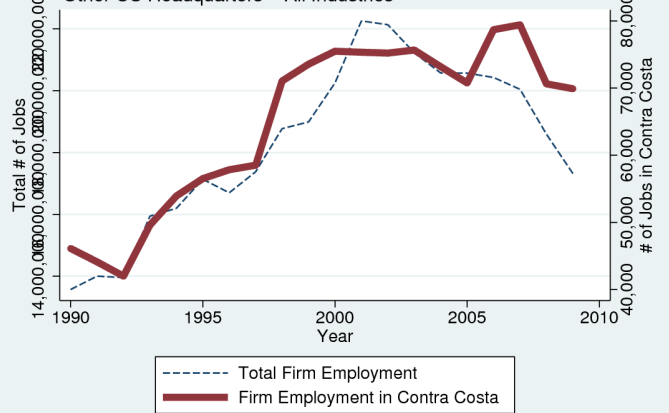
Employment Patterns of MultiEstab Firms

Other US Headquarters – All Industries

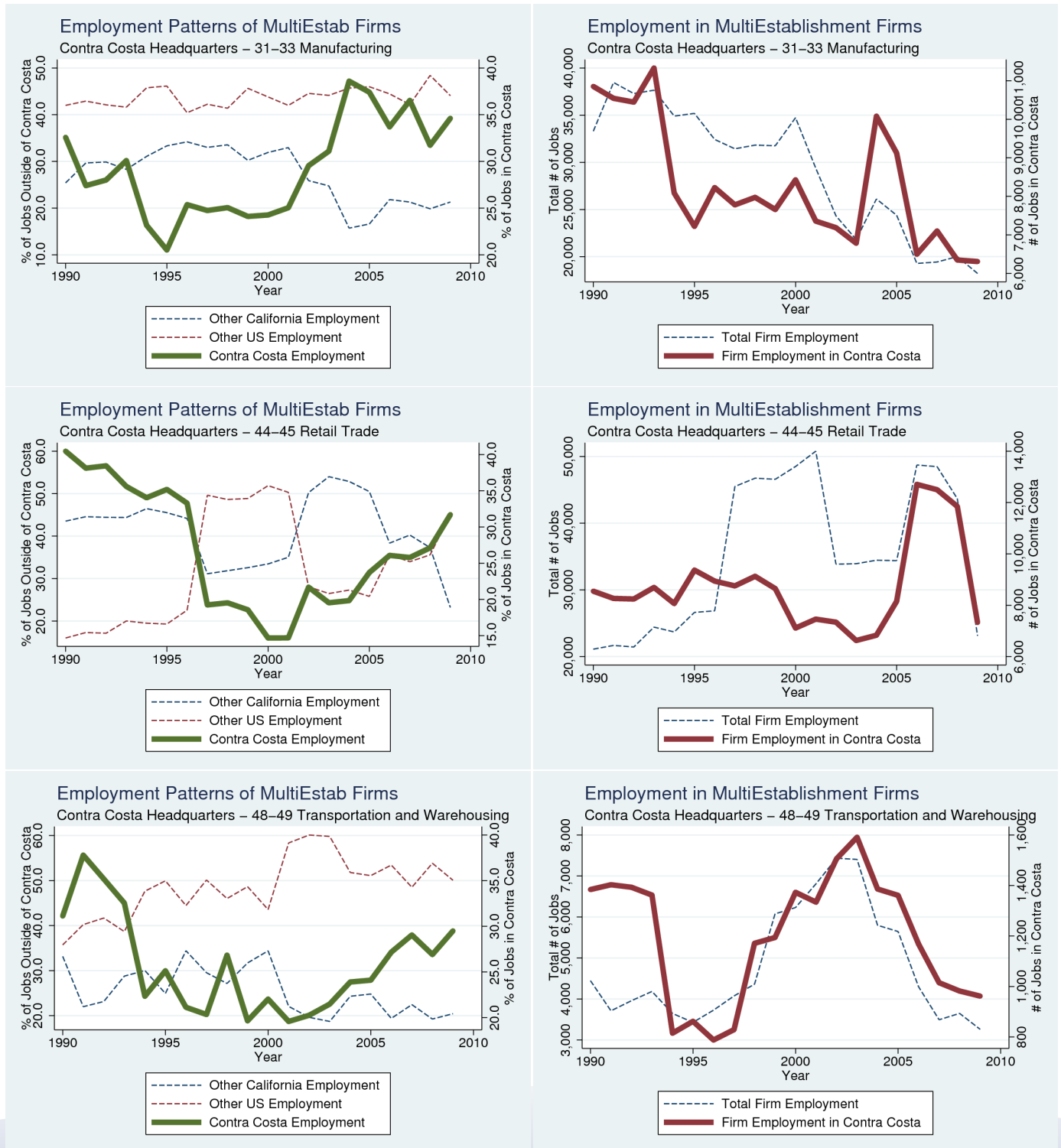


Employment in MultiEstablishment Firms

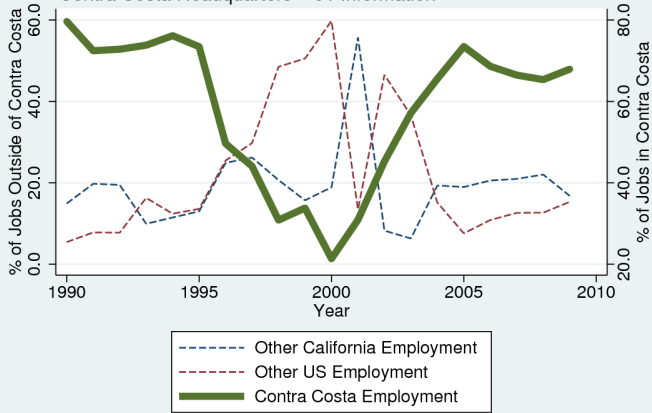
Other US Headquarters – All Industries



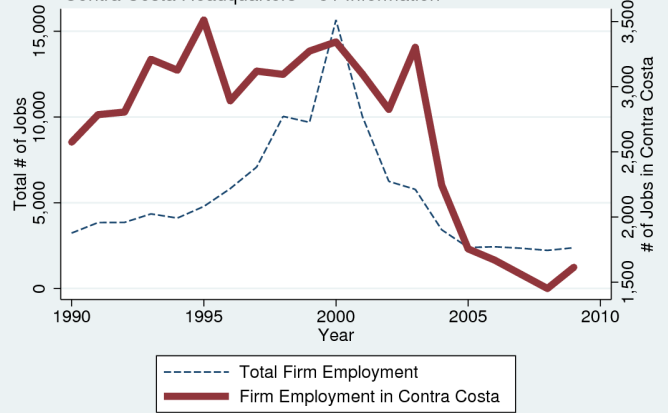
IntraFirm Geographical Employment Changes - by Major Industry



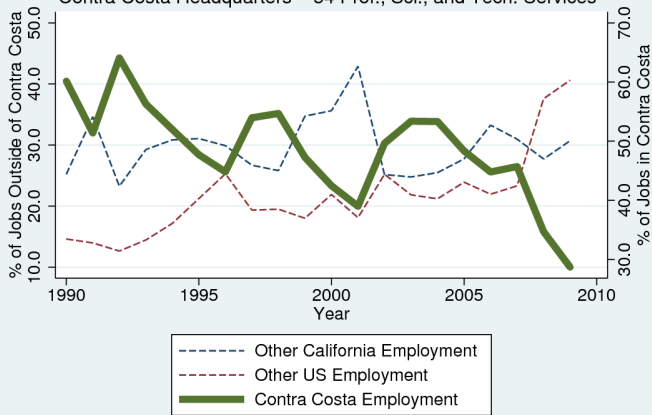
Employment Patterns of MultiEstab Firms
 Contra Costa Headquarters – 51 Information



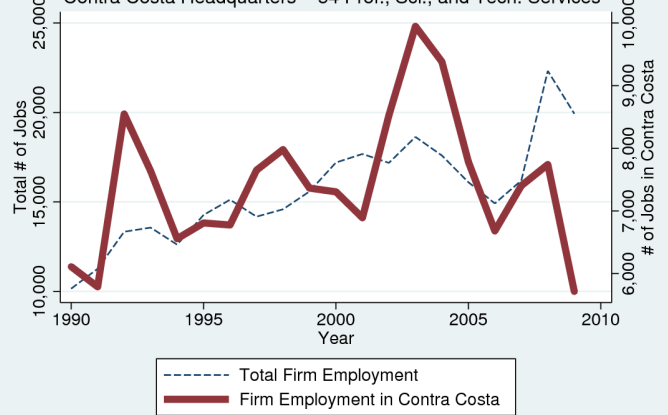
Employment in MultiEstablishment Firms
 Contra Costa Headquarters – 51 Information



Employment Patterns of MultiEstab Firms
 Contra Costa Headquarters – 54 Prof., Sci., and Tech. Services



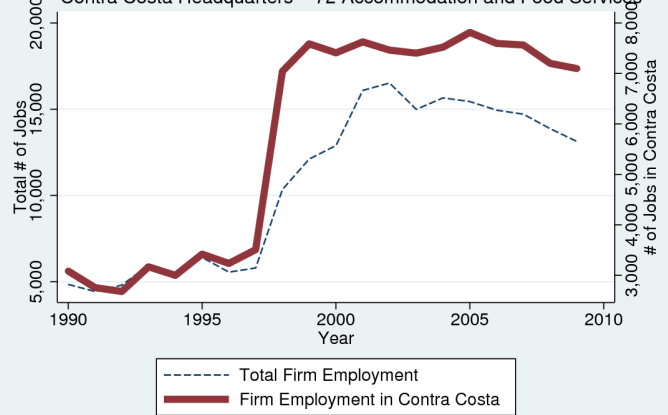
Employment in MultiEstablishment Firms
 Contra Costa Headquarters – 54 Prof., Sci., and Tech. Services



Employment Patterns of MultiEstab Firms
 Contra Costa Headquarters – 72 Accommodation and Food Services



Employment in MultiEstablishment Firms
 Contra Costa Headquarters – 72 Accommodation and Food Services



Startup Activity

Table 6: Startup Activity - Average Annual Statistics

NAICS	Description	# Establishments	# Births	Startup Activity	5 Year Survival
99	Other	49	14	28.67	18.96
56	Admin Support and Waste Mgmt Svcs	5,865	1,263	21.53	18.40
51	Information	1,153	154	13.38	28.71
48-49	Transportation and Warehousing	966	117	12.12	23.75
	Contra Costa	52,373	5,763	11.00	29.35
71	Arts, Entertainment, and Recreation	1,114	121	10.89	35.05
52	Finance and Insurance	3,223	351	10.88	27.49
23	Construction	4,554	466	10.24	28.93
54	Prof., Sci., and Tech. Services	8,223	841	10.23	33.68
11	Ag., Forestry, Fishing and Hunting	314	32	10.19	31.46
44-45	Retail Trade	6,154	605	9.83	32.41
53	Real Estate and Rental and Leasing	2,864	281	9.80	30.38
81	Other Services (except Public Admin)	5,726	560	9.78	35.42
42	Wholesale Trade	2,493	224	8.99	29.31
62	Health Care and Social Assistance	4,474	383	8.56	36.55
21	Mining	42	3	7.59	33.33
31-33	Manufacturing	2,102	154	7.35	32.38
61	Educational Services	915	63	6.83	41.15
72	Accommodation and Food Services	1,833	119	6.47	42.53
22	Utilities	57	3	5.05	27.91
92	Public Administration	252	8	3.28	41.94

Source: NETS 2009, Calculations by Haveman Economic Consulting
Startup Activity is births as a proportion of all establishments.

Table 7: East Bay Sub-Regional Startup Activity - Average Annual Statistics

County	# Establishments	# Births	Startup Activity	5 Year Survival
Contra Costa	52,373	5,763	11.00	29.35
Western Contra Costa	7,900	866	10.97	27.11
Eastern Contra Costa	7,828	1,033	13.20	26.48
Central Contra Costa	20,146	1,985	9.86	30.45
Alameda	81,401	8,733	10.73	29.59
Central Alameda	13,843	1,434	10.36	28.26
Northern Alameda	37,162	3,847	10.35	29.64
Southern Alameda	14,884	1,747	11.74	28.95
TriValley	19,479	2,217	11.38	28.87

Source: NETS 2009, Calculations by Haveman Economic Consulting
Startup Activity is births as a proportion of all establishments.

Table 8: Contra Costa County Startup Activity - Average Annual Statistics

County	# Establishments	# Births	Startup Activity	5 Year Survival
Contra Costa	52,373	5,763	11.00	29.35
Alameda	81,401	8,733	10.73	29.59
Contra Costa	52,373	5,763	11.00	29.35
Marin	25,448	2,468	9.70	33.48
Napa	8,523	794	9.31	34.61
San Francisco	62,931	6,196	9.85	32.48
San Mateo	45,127	4,536	10.05	31.24
Santa Clara	98,641	10,813	10.96	31.43
Solano	17,037	1,993	11.70	29.90
Sonoma	30,567	2,897	9.48	32.92
California	1,953,411	218,871	11.20	30.19
Los Angeles	554,986	65,548	11.81	29.87
San Diego	164,075	18,700	11.40	31.87
Orange	200,705	24,348	12.13	29.64
Riverside	74,144	9,370	12.64	27.44
San Bernardino	74,576	9,218	12.36	27.37
Sacramento	63,735	7,695	12.07	28.01

Source: NETS 2009, Calculations by Haveman Economic Consulting
Startup Activity is births as a proportion of all establishments.

**Table 8a: Contra Costa County Startup Activity - Average Annual Statistics
NAICS 31-33: Manufacturing**

County	# Establishments	# Births	Startup Activity	5 Year Survival
Contra Costa	2,102	154	7.35	32.38
Alameda	5,171	336	6.49	34.87
Contra Costa	2,102	154	7.35	32.38
Marin	1,016	69	6.77	37.98
Napa	694	45	6.51	44.99
San Francisco	2,540	176	6.94	36.06
San Mateo	45,127	4,536	10.05	31.24
Santa Clara	7,237	487	6.74	37.98
Solano	751	59	7.79	33.14
Sonoma	1,926	121	6.26	39.01
California	114,305	8,370	7.32	36.01
Los Angeles	36,102	2,674	7.41	35.84
San Diego	9,325	723	7.76	38.32
Orange	14,025	1,088	7.75	35.65
Riverside	4,188	345	8.24	34.94
San Bernardino	4,932	391	7.93	33.58
Sacramento	2,504	223	8.91	33.54

Source: NETS 2009, Calculations by Haveman Economic Consulting
Startup Activity is births as a proportion of all establishments.

**Table 8b: Contra Costa County Startup Activity - Average Annual Statistics
NAICS 51: Information**

County	# Establishments	# Births	Startup Activity	5 Year Survival
Contra Costa	1,153	154	13.38	28.71
Alameda	2,249	300	13.33	30.06
Contra Costa	1,153	154	13.38	28.71
Marin	1,043	111	10.64	31.97
Napa	147	18	12.44	39.05
San Francisco	2,482	303	12.21	31.79
San Mateo	45,127	4,536	10.05	31.24
Santa Clara	3,312	466	14.07	32.38
Solano	307	44	14.46	32.13
Sonoma	665	74	11.13	34.86
California	54,713	7,272	13.29	31.30
Los Angeles	21,650	2,922	13.50	32.11
San Diego	4,021	552	13.72	31.81
Orange	5,041	737	14.62	30.01
Riverside	1,292	183	14.16	28.55
San Bernardino	1,243	192	15.42	28.41
Sacramento	1,403	197	14.08	28.43

Source: NETS 2009, Calculations by Haveman Economic Consulting
Startup Activity is births as a proportion of all establishments.

**Table 8c: Contra Costa County Startup Activity - Average Annual Statistics
NAICS 54: Prof, Sci, and Tech Svcs**

County	# Establishments	# Births	Startup Activity	5 Year Survival
Contra Costa	8,223	841	10.23	33.68
Alameda	11,975	1,276	10.65	34.28
Contra Costa	8,223	841	10.23	33.68
Marin	5,286	462	8.74	38.14
Napa	1,029	99	9.61	35.31
San Francisco	12,320	1,186	9.63	34.74
San Mateo	45,127	4,536	10.05	31.24
Santa Clara	17,254	1,837	10.65	35.89
Solano	1,710	219	12.78	30.90
Sonoma	4,049	380	9.38	35.00
California	258,967	28,564	11.03	32.93
Los Angeles	70,167	7,872	11.22	32.31
San Diego	24,623	2,787	11.32	33.87
Orange	31,140	3,579	11.49	33.27
Riverside	7,741	1,033	13.35	28.72
San Bernardino	6,750	916	13.57	28.30
Sacramento	8,752	1,035	11.82	30.61

Source: NETS 2009, Calculations by Haveman Economic Consulting
Startup Activity is births as a proportion of all establishments.

**Table 8d: Contra Costa County Startup Activity - Average Annual Statistics
NAICS 81: Other Services**

County	# Establishments	# Births	Startup Activity	5 Year Survival
Contra Costa	5,726	560	9.78	35.42
Alameda	9,504	889	9.36	35.42
Contra Costa	5,726	560	9.78	35.42
Marin	2,198	182	8.26	37.56
Napa	786	66	8.43	42.80
San Francisco	6,201	517	8.34	38.63
San Mateo	45,127	4,536	10.05	31.24
Santa Clara	9,541	907	9.51	34.84
Solano	2,330	231	9.92	36.01
Sonoma	3,185	274	8.59	38.44
California	212,117	21,040	9.92	35.28
Los Angeles	60,647	6,164	10.16	35.17
San Diego	17,086	1,783	10.44	35.86
Orange	18,490	1,990	10.76	34.80
Riverside	8,654	955	11.03	33.85
San Bernardino	9,275	1,019	10.98	32.27
Sacramento	7,950	875	11.00	32.71

Source: NETS 2009, Calculations by Haveman Economic Consulting
Startup Activity is births as a proportion of all establishments.