



Western Contra Costa Business Dynamics

Draft Results (2)

Produced by
Haveman Economic Consulting
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Business Dynamics: Overview of Results

This document provides information on business dynamics in Western Contra Costa. 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 Western Contra Costa 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 Western 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 Western Contra Costa.

Depicted in each chart is the share of employment among these firms that is located in the region (Western 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 Western 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 Western 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.

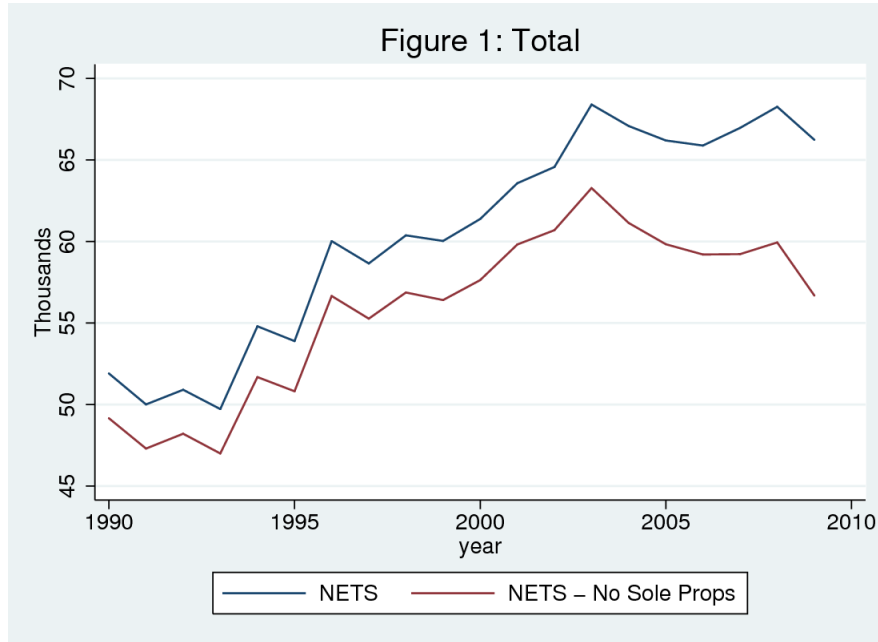
In these tables, the columns present data that are annual averages. The data are numbers of establishments and births each year, the fraction that new births are of the total number of establishments (Startup Activity) and the proportion of the new births that are still alive and in the region 5 years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

A second table is added to the Western 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 Western Contra Costa.

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

Overall Business Dynamics: Western Contra Costa

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	60,271	279	226	6,380	4,311	1,038	820	53	2,069	218
1996	64,829	311	313	4,808	4,036	4,574	755	-2	772	3,819
1997	61,869	505	363	3,218	3,926	2,051	4,458	142	-708	-2,407
1998	63,183	790	272	2,805	3,301	2,543	1,287	518	-496	1,256
1999	63,409	589	499	3,376	3,002	1,602	1,821	90	374	-219
2000	64,437	411	305	3,056	3,050	2,243	1,301	106	6	942
2001	67,557	1,035	432	3,984	2,513	2,191	1,223	603	1,471	968
2002	69,521	1,106	980	4,950	3,252	2,133	2,037	126	1,698	96
2003	71,944	503	334	3,541	3,304	4,196	2,190	169	237	2,006
2004	69,446	578	753	2,360	3,810	2,086	2,848	-175	-1,450	-762
2005	69,474	806	929	3,276	3,190	2,384	2,301	-123	86	83
2006	69,048	454	385	3,161	3,108	1,482	2,030	69	53	-548
2007	70,905	413	445	3,922	2,485	1,411	964	-32	1,437	447
2008	72,206	417	606	3,924	2,612	1,212	1,057	-189	1,312	154
2009	69,458	557	1,681	3,201	3,364	1,034	2,483	-1,124	-163	-1,450
Total	69,458	8,754	8,523	55,962	49,264	32,179	27,575	231	6,698	4,604

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	546	3	2	7	4	29	11
Mining	25	0	0	1	1	1	0
Utilities	473	0	2	1	1	1	4
Construction	2,979	60	41	156	162	97	63
Manufacturing	7,650	133	64	316	373	200	277
Wholesale Trade	3,330	60	53	164	185	314	265
Retail Trade	9,926	24	28	572	641	174	138
Transportation and Warehousing	3,948	18	14	185	161	118	136
Information	1,434	21	56	77	70	117	53
Finance and Insurance	1,913	11	95	203	100	65	23
Real Estate and Rental and Leasing	2,204	20	30	127	129	84	48
Professional, Scientific, and Technical Services	4,561	83	42	262	235	192	153
Management of Companies and Enterprises	8	0	0	2	0	1	0
Admin Support and Waste Mgmt Svcs	4,140	36	38	414	242	130	148
Educational Services	4,856	12	15	114	68	90	41
Health Care and Social Assistance	6,654	46	55	277	230	258	229
Arts, Entertainment, and Recreation	2,270	10	5	155	66	33	44
Accommodation and Food Services	3,985	13	12	221	184	61	58
Other Services (except Public Administration)	4,049	15	13	303	231	107	117
Public Administration	2,173	18	1	153	188	75	32
Other	45	0	0	20	16	0	0

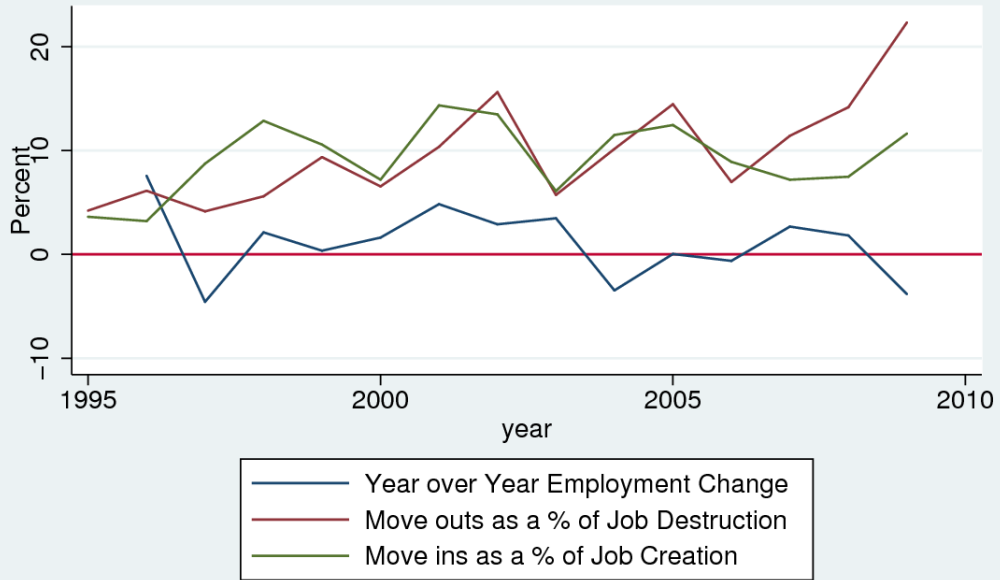
Source: NETS 2009, Calculations by Haveman Economic Consulting

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

Industry	Employment	Net Change Due to:		
		Moves	Births	Growth
Agriculture, Forestry, Fishing and Hunting	546	1	3	18
Mining	25	0	0	1
Utilities	473	-2	0	-3
Construction	2,979	19	-5	34
Manufacturing	7,650	68	-57	-77
Wholesale Trade	3,330	7	-21	49
Retail Trade	9,926	-4	-69	36
Transportation and Warehousing	3,948	4	24	-18
Information	1,434	-36	7	64
Finance and Insurance	1,913	-85	103	43
Real Estate and Rental and Leasing	2,204	-10	-2	36
Professional, Scientific, and Technical Services	4,561	41	28	39
Management of Companies and Enterprises	8	0	1	1
Admin Support and Waste Mgmt Svcs	4,140	-2	172	-19
Educational Services	4,856	-2	46	49
Health Care and Social Assistance	6,654	-9	48	29
Arts, Entertainment, and Recreation	2,270	5	89	-11
Accommodation and Food Services	3,985	1	37	3
Other Services (except Public Administration)	4,049	2	73	-10
Public Administration	2,173	17	-35	43
Other	45	-0	4	0

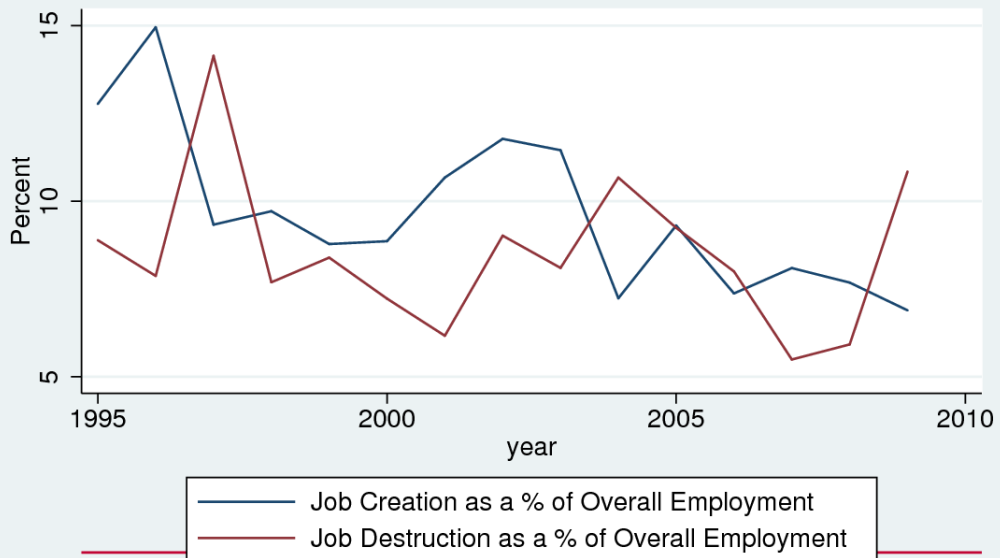
Source: NETS 2009, Calculations by Haveman Economic Consulting

Employment Change and Relocation in: Western Contra C All Industries



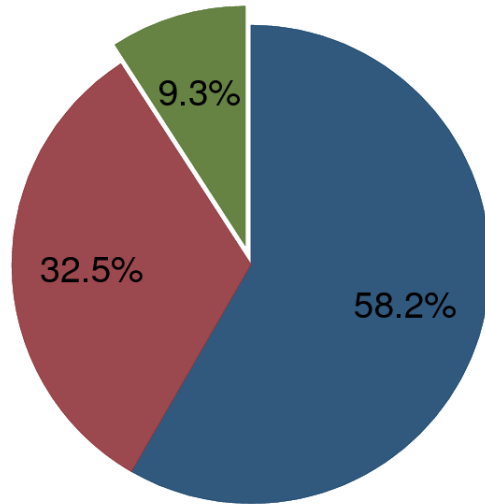
Source: NETS 2009, Calculations by Haveman Economic Consulting

Employment Churn in: Western 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.

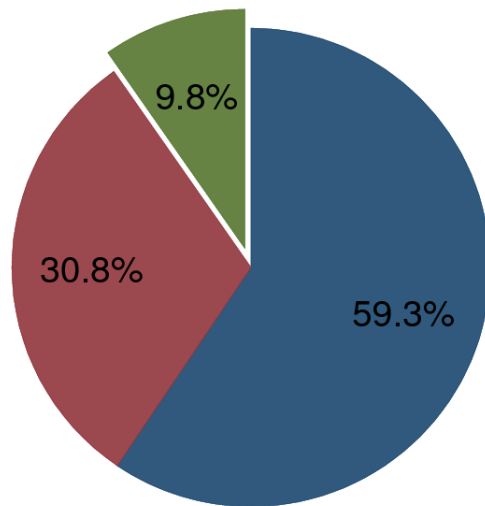
Job Creation in: Western Contra Costa Average over period



Births Expansions Moves In

Source: NETS 2009, Calculations by Haveman Economic Consulting

Job Destruction in: Western Contra Costa Average over period

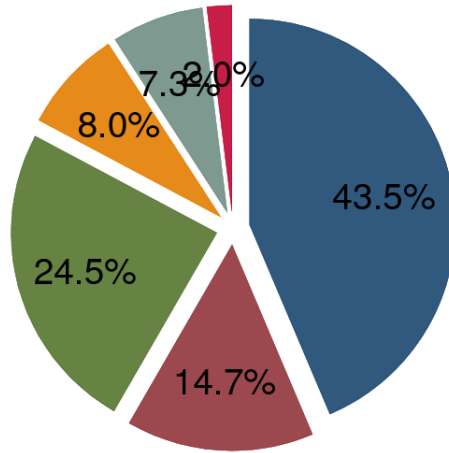


Deaths Contractions Moves Out

Source: NETS 2009, Calculations by Haveman Economic Consulting

Job Creation in: Western Contra Costa

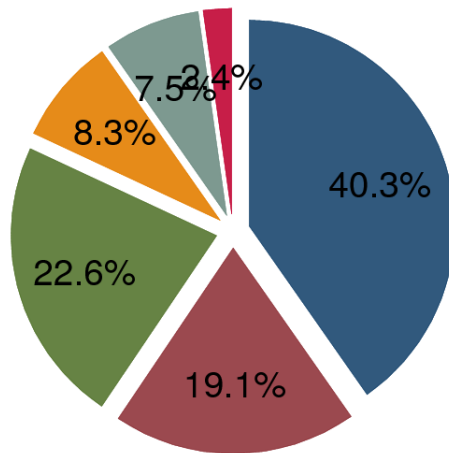
Average over period



Source: NETS 2009, Calculations by Haveman Economic Consulting

Job Destruction in: Western 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			Job Destruction			Job Churn	
	Births	Growth	Move In	Deaths	Contraction	Move Out	Creation	Destruction
Ag., Forestry, Fishing and Hunting	38.0	48.1	13.8	47.3	41.9	10.8	7.0	3.4
Mining	57.1	42.9	0.0	50.0	50.0	0.0	10.0	5.0
Utilities	50.0	37.5	12.5	42.9	29.0	28.1	0.4	1.4
Construction	50.0	30.2	19.7	61.2	23.2	15.6	10.6	9.1
Manufacturing	40.4	37.8	21.8	56.3	33.1	10.5	8.3	9.4
Wholesale Trade	45.7	35.8	18.6	58.1	22.5	19.4	13.2	15.3
Retail Trade	72.1	24.3	3.5	76.5	18.1	5.4	7.8	8.2
Transportation and Warehousing	58.7	33.6	7.8	58.2	34.7	7.1	7.8	8.0
Information	50.2	41.5	8.3	52.7	24.4	22.9	13.6	12.5
Finance and Insurance	68.7	26.3	5.1	70.7	13.9	15.4	13.2	11.0
Real Estate and Rental and Leasing	60.2	32.1	7.6	59.5	26.0	14.5	10.2	9.5
Prof., Sci., and Tech. Services	53.4	31.1	15.5	59.1	31.9	9.0	11.6	9.5
Admin Support and Waste Mgmt Svcs	66.6	25.9	7.5	59.9	28.6	11.5	13.6	10.6
Educational Services	51.0	42.3	6.7	53.4	38.4	8.2	4.5	2.6
Health Care and Social Assistance	50.8	40.0	9.2	50.6	39.4	10.0	8.6	7.8
Arts, Entertainment, and Recreation	65.0	25.2	9.8	64.2	30.2	5.6	9.2	5.1
Accommodation and Food Services	67.2	24.6	8.2	70.4	24.8	4.8	7.5	6.4
Other Services (except Public Admin)	68.6	27.4	3.9	66.9	28.4	4.7	10.5	9.1
Public Administration	55.3	40.4	4.3	48.4	48.4	3.2	10.2	14.7
Other	100.0	0.0	0.0	83.2	0.0	16.8	29.8	82.5
All Industries	58.2	32.5	9.3	59.3	30.8	9.8	9.7	8.5

Source: NETS 2009, Calculations by Haveman Economic Consulting

Figure 2: All Industries
Region: Western Contra Costa

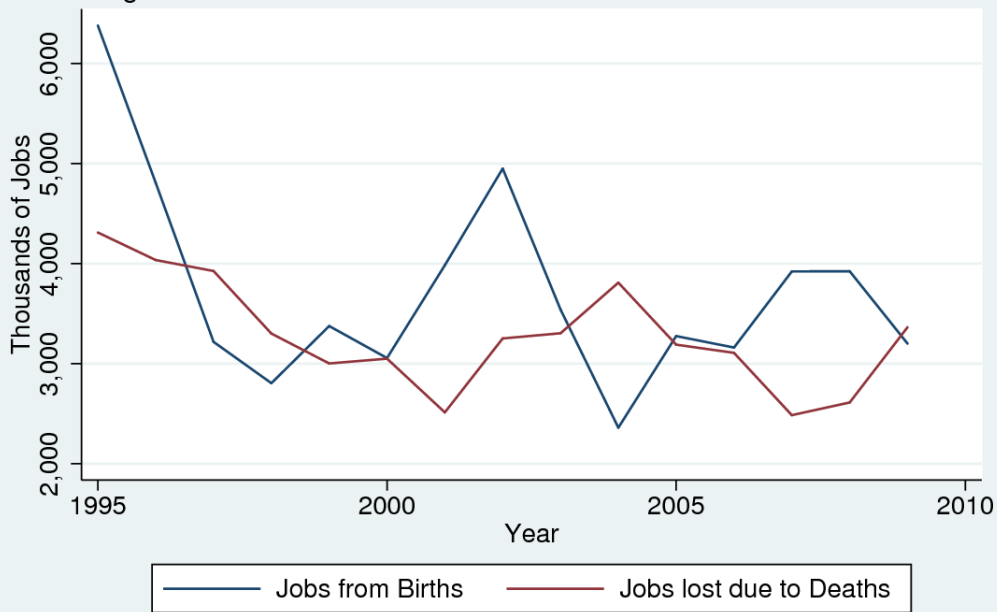


Figure 3: All Industries
Region: Western Contra Costa

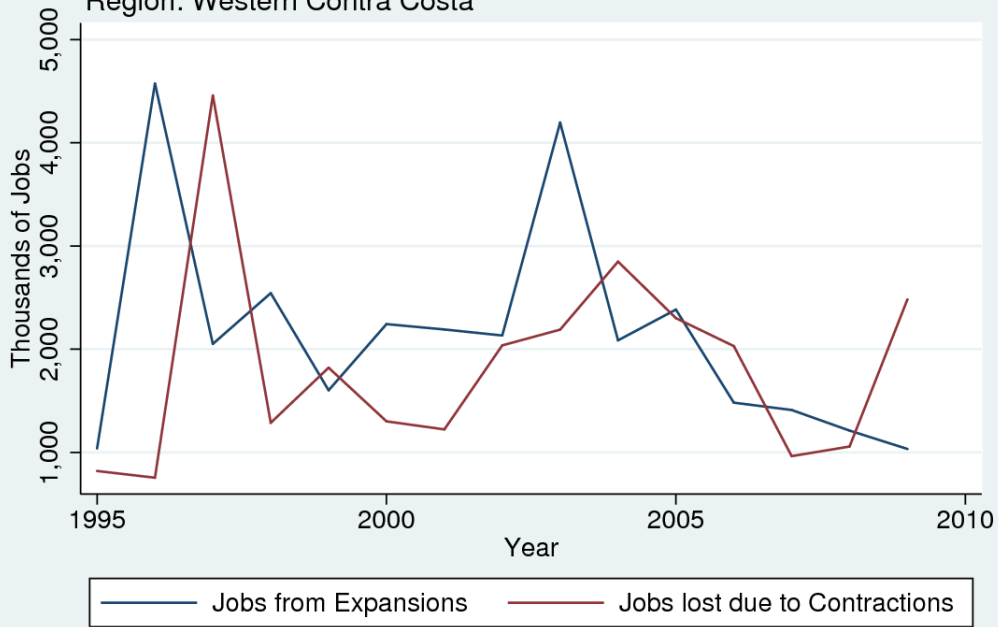


Figure 4: All Industries
Region: Western Contra Costa

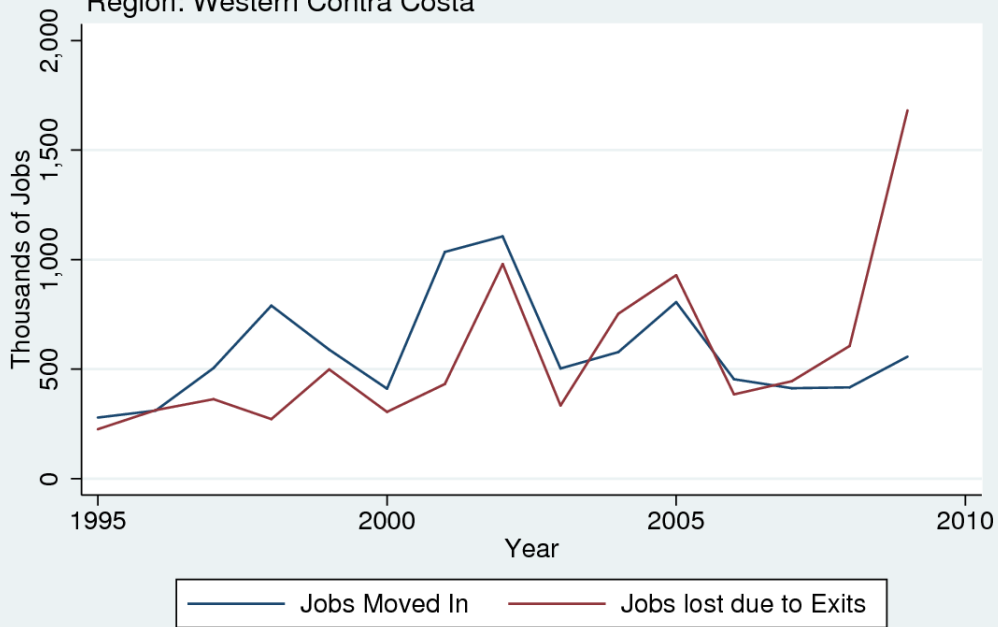


Table 3: Top 15 Move Ins

Year	Company	Industry	Employment	From (County):	To (City):
1998	Bayer Hlthcare Phrmcticals LLC	Professional, Scientific, and Technical Services	425	San Mateo	Richmond
2002	Dicon Fiberoptics Inc	Manufacturing	400	Alameda	Richmond
2005	Prescolite Inc	Manufacturing	250	Spartanburg, SC	Richmond
2001	Grace Baking Company	Manufacturing	200	Alameda	Richmond
2003	Brightpoint Subscriber Svcs	Wholesale Trade	200	Marin	Richmond
2001	Ziprealty Inc	Real Estate and Rental and Leasing	160	Alameda	Richmond
2008	Public Health California Dept	Health Care and Social Assistance	140	Alameda	Richmond
2004	Richmond Sanitary Services	Public Administration	140	San Francisco	Richmond
1997	Santa Cruz Health Care Inc	Health Care and Social Assistance	130	Santa Cruz	San Pablo
2002	New A C Inc	Manufacturing	120	Alameda	Richmond
1998	Gph Medical & Legal Services	Health Care and Social Assistance	116	Los Angeles	Richmond
2009	T F Louderback Inc	Wholesale Trade	102	Alameda	Richmond
2009	Sunpower Corporation Systems	Construction	100	Alameda	Richmond
2000	Quadramed Corporation	Admin Support and Waste Mgmt Svcs	100	San Francisco	Richmond
2005	Mulberry Thai Silks Inc	Manufacturing	100	Marin	Richmond

Source: NETS 2009, Calculations by Haveman Economic Consulting

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

Year	Company	Industry	Detailed Industry
1998	Bayer Hlthcare Phrmcticals LLC	Professional, Scientific, and Technical Services	Research and Development in the Physical, Engineering, and
2002	Dicon Fiberoptics Inc	Manufacturing	Other Electronic Component Manufacturing
2005	Prescolite Inc	Manufacturing	Residential Electric Lighting Fixture Manufacturing
2001	Grace Baking Company	Manufacturing	Commercial Bakeries
2003	Brightpoint Subscriber Svcs	Wholesale Trade	Other Electronic Parts and Equipment Merchant Wholesalers
2001	Ziprealty Inc	Real Estate and Rental and Leasing	Offices of Real Estate Agents and Brokers
2008	Public Health California Dept	Health Care and Social Assistance	Offices of Physicians (except Mental Health Specialists)
2004	Richmond Sanitary Services	Public Administration	Administration of Air and Water Resource and Solid Waste M
1997	Santa Cruz Health Care Inc	Health Care and Social Assistance	Nursing Care Facilities
2002	New A C Inc	Manufacturing	Analytical Laboratory Instrument Manufacturing
1998	Gph Medical & Legal Services	Health Care and Social Assistance	Nursing Care Facilities
2009	T F Louderback Inc	Wholesale Trade	Beer and Ale Merchant Wholesalers
2009	Sunpower Corporation Systems	Construction	Plumbing, Heating, and Air-Conditioning Contractors
2000	Quadramed Corporation	Admin Support and Waste Mgmt Svcs	Collection Agencies
2005	Mulberry Thai Silks Inc	Manufacturing	Men's and Boys' Cut and Sew Apparel Contractors

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
2002	Pixar	Information	460	Richmond	Alameda
2009	Professional Healthcare At Hm	Health Care and Social Assistance	300	San Pablo	Contra Costa
2005	Ford Motor Company	Wholesale Trade	220	Richmond	San Joaquin
2005	Allied Cash Holdings LLC	Finance and Insurance	200	El Cerrito	12086
2004	Ziprealty Inc	Real Estate and Rental and Leasing	160	Richmond	Alameda
2002	University California Berkeley	Educational Services	120	Richmond	Alameda
1999	Gph Medical & Legal Services	Health Care and Social Assistance	116	Richmond	Los Angeles
2005	Kidstoyshop LLC	Information	100	Richmond	Douglas, NE
2008	Bauman Landscaping Inc	Admin Support and Waste Mgmt Svcs	100	Richmond	Alameda
2001	Quadramed Corporation	Admin Support and Waste Mgmt Svcs	100	Richmond	Marin
2008	Amot Sales Corporation	Manufacturing	100	Richmond	Harris, TX
1999	Noll Manufacturing Company	Manufacturing	90	Richmond	San Joaquin
2000	Unisource Packaging Inc	Wholesale Trade	90	Richmond	Alameda
2004	Rcbc Mortgage	Finance and Insurance	70	Richmond	Contra Costa

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
2002	Pixar	Information	Motion Picture and Video Production
2009	Professional Healthcare At Hm	Health Care and Social Assistance	Nursing Care Facilities
2005	Ford Motor Company	Wholesale Trade	Motor Vehicle Supplies and New Parts Merchant Wholesalers
2005	Allied Cash Holdings LLC	Finance and Insurance	Other Activities Related to Credit Intermediation
2004	Ziprealty Inc	Real Estate and Rental and Leasing	Offices of Real Estate Agents and Brokers
2002	University California Berkeley	Educational Services	Colleges, Universities, and Professional Schools
1999	Gph Medical & Legal Services	Health Care and Social Assistance	Nursing Care Facilities
2005	Kidstoyshop LLC	Information	Internet Service Providers
2008	Bauman Landscaping Inc	Admin Support and Waste Mgmt Svcs	Landscaping Services
2001	Quadramed Corporation	Admin Support and Waste Mgmt Svcs	Collection Agencies
2008	Amot Sales Corporation	Manufacturing	Instruments and Related Products Manufacturing for Measuring, Dispensing, and Recording
1999	Noll Manufacturing Company	Manufacturing	Sheet Metal Work Manufacturing
2000	Unisource Packaging Inc	Wholesale Trade	Industrial and Personal Service Paper Merchant Wholesalers
2004	Rcbc Mortgage	Finance and Insurance	Mortgage and Nonmortgage Loan Brokers

Source: NETS 2009, Calculations by Haveman Economic Consulting

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

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

Industry	Total	1995-2000	2001-2003	2004-2007	2008-2009	All Yrs
by Employment						
Manufacturing	141,826	0.93	4.14	1.95	1.11	2.33
Construction	55,652	2.32	1.90	1.73	1.26	1.81
Accommodation and Food Services	71,517	2.67	3.54	1.03	0.14	1.70
Wholesale Trade	61,426	1.74	4.35	0.40	2.93	1.67
Public Administration	39,958					1.59
Arts, Entertainment, and Recreation	36,869	1.37	3.38	0.68	1.17	1.56
Admin Support and Waste Mgmt Svcs	72,462	1.17	0.68	2.02	0.13	1.40
Health Care and Social Assistance	120,713	1.98	0.76	1.17	0.62	1.34
Total	1,228,229	1.66	1.47	0.99	0.61	1.32
Transportation and Warehousing	70,699	0.80	1.33	1.61	4.13	1.29
Educational Services	88,871	0.05	0.20	3.87	0.36	1.15
Retail Trade	190,179	1.03	1.00	0.83	0.47	1.09
Real Estate and Rental and Leasing	40,692	0.35	33.09	0.06	2.92	0.75
Information	25,834	2.50	0.16	0.19	0.00	0.56
Finance and Insurance	34,263	18.17	0.73	0.17	0.03	0.25
Utilities	9,023					0.16
Other	681		0.00			0.00
Professional, Scientific, and Technical Services						
Agriculture, Forestry, Fishing and Hunting						
Mining	762					
Other Services (except Public Admin)	75,131					
Prof., Sci., and Tech. Services	82,311					
Other Services (except Public Administration)						
Ag., Forestry, Fishing and Hunting	9,360					
by Number of Establishments						
Public Administration	910					7.56
Accommodation and Food Services	6,452	0.39	5.52	2.06	1.10	1.94
Manufacturing	7,542	1.33	1.63	1.23	3.03	1.74
Admin Support and Waste Mgmt Svcs	13,016	0.90	2.04	1.47	0.74	1.41
Construction	9,953	1.14	2.19	1.41	1.23	1.37
Finance and Insurance	5,250	1.12	1.24	1.13	4.61	1.36
Total	143,340	1.29	1.35	1.23	1.52	1.35
Transportation and Warehousing	3,919	1.51	1.18	0.92	2.22	1.26
Health Care and Social Assistance	13,387	1.69	1.29	1.30	1.09	1.25
Wholesale Trade	7,123	1.63	1.43	1.27	1.20	1.24
Retail Trade	23,058	1.15	1.10	1.03	1.00	1.12
Educational Services	3,242	0.36	0.60	1.34	2.34	1.11
Real Estate and Rental and Leasing	6,606	0.92	6.26	0.34	2.54	1.08
Arts, Entertainment, and Recreation	3,174	2.58	1.07	0.55	0.55	0.93
Information	3,056	1.32	1.18	0.78	0.00	0.90
Utilities	117					0.58
Other	102		0.00			0.00
Other Services (except Public Admin)	20,792					
Agriculture, Forestry, Fishing and Hunting						
Other Services (except Public Administration)						
Professional, Scientific, and Technical Services						
Prof., Sci., and Tech. Services	15,166					
Mining	66					
Ag., Forestry, Fishing and Hunting	409					

Source: NETS 2009, Calculations by Haveman Economic Consulting

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

Industry	Total	Ratio	W. Contra Costa	San Francisco	Santa Clara	Los Angeles	Alameda	Contra Costa
by Employment								
Manufacturing	141,826	2.33	2.26	0.41	0.59	0.41	1.77	1.68
Construction	55,652	1.81	1.34	0.54	0.45	0.48	1.43	0.81
Accommodation and Food Services	71,517	1.70	1.33	0.56	0.69	0.39	1.51	0.77
Wholesale Trade	61,426	1.67	1.35	0.42	0.62	0.45	1.44	1.11
Public Administration	39,958	1.59	15.59	0.04	26.31	0.72	17.37	4.53
Arts, Entertainment, and Recreation	36,869	1.56	1.84	1.38	0.46	0.82	0.68	2.53
Admin Support and Waste Mgmt Svcs	72,462	1.40	1.17	0.31	1.25	0.68	0.79	1.14
Health Care and Social Assistance	120,713	1.34	0.97	0.65	0.68	0.52	0.91	0.87
Total	1,228,229	1.32	1.14	0.51	0.67	0.51	1.32	1.33
Transportation and Warehousing	70,699	1.29	1.19	0.70	0.41	0.34	1.44	1.73
Educational Services	88,871	1.15	0.91	0.78	0.63	0.40	1.22	0.92
Retail Trade	190,179	1.09	0.93	0.79	0.77	0.48	0.66	1.56
Real Estate and Rental and Leasing	40,692	0.75	0.71	0.95	0.68	1.02	1.00	1.03
Information	25,834	0.56	0.52	1.01	0.75	0.82	1.01	1.04
Finance and Insurance	34,263	0.25	0.16	0.31	0.31	0.55	0.86	1.23
Utilities	9,023	0.16	0.12	0.45	0.06	0.25	2.60	0.53
Other	681	0.00	0.00	0.02	1.50	0.83	1.50	0.10
Mining	762			0.04	0.18	0.54	0.09	41.34
Prof., Sci., and Tech. Services	82,311		1.85	0.57	0.86	0.61		1.33
Professional, Scientific, and Technical Services							1.30	
Ag., Forestry, Fishing and Hunting	9,360		1.28	0.51	0.34	1.08		0.56
Agriculture, Forestry, Fishing and Hunting							0.97	
Other Services (except Public Administration)							0.96	
Other Services (except Public Admin)	75,131		1.31	0.44	0.58	0.61		1.95
by Number of Establishments								
Public Administration	910	7.56	9.00	0.50	1.25	1.05	0.56	2.60
Accommodation and Food Services	6,452	1.94	1.91	0.76	0.88	0.89	1.09	1.32
Manufacturing	7,542	1.74	1.24	0.42	0.53	0.42	1.03	1.16
Admin Support and Waste Mgmt Svcs	13,016	1.41	1.01	0.53	0.65	0.59	0.83	1.01
Construction	9,953	1.37	0.93	0.58	0.48	0.48	0.86	1.01
Finance and Insurance	5,250	1.36	1.07	0.62	0.59	0.58	0.83	1.30
Total	143,340	1.35	1.02	0.55	0.60	0.57	0.92	1.15
Transportation and Warehousing	3,919	1.26	0.92	0.45	0.44	0.59	0.93	1.24
Health Care and Social Assistance	13,387	1.25	1.02	0.76	0.77	0.65	0.65	1.23
Wholesale Trade	7,123	1.24	0.93	0.40	0.58	0.55	1.16	1.07
Retail Trade	23,058	1.12	0.91	0.51	0.75	0.61	0.75	1.43
Educational Services	3,242	1.11	0.88	0.72	0.63	0.68	0.66	1.24
Real Estate and Rental and Leasing	6,606	1.08	0.86	0.66	0.52	0.66	0.89	1.25
Arts, Entertainment, and Recreation	3,174	0.93	0.77	0.64	0.61	0.78	0.98	1.09
Information	3,056	0.90	0.75	0.65	0.66	0.74	0.95	1.18
Utilities	117	0.58	0.50	1.00	0.33	0.70	1.29	1.00
Other	102	0.00	0.00	0.25	0.67	1.00	0.50	0.14
Mining	66			0.38	0.25	0.56	1.17	4.83
Agriculture, Forestry, Fishing and Hunting							1.21	
Other Services (except Public Administration)							0.85	
Prof., Sci., and Tech. Services	15,166		1.22	0.56	0.60	0.60		1.10
Other Services (except Public Admin)	20,792		0.94	0.53	0.60	0.55		0.98
Ag., Forestry, Fishing and Hunting	409		1.33	0.88	0.87	0.91		0.91
Professional, Scientific, and Technical Services							0.96	

Source: NETS 2009, Calculations by Haveman Economic Consulting

Note: Ratio is the Western 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	7,890	18.17	18.50	0.91	0.58	0.37	1.16	2.07
Accommodation and Food Services	18,675	2.67	2.08	1.20	0.65	0.12	0.91	1.04
Information	8,276	2.50	2.73	0.27	1.16	1.12	2.03	0.88
Construction	12,494	2.32	1.62	0.78	0.33	0.46	1.17	0.75
Health Care and Social Assistance	31,294	1.98	1.99	0.42	0.78	0.46	2.66	0.70
Wholesale Trade	18,771	1.74	1.51	0.48	0.49	0.45	1.40	1.51
Total	313,558	1.66	1.48	0.44	0.84	0.44	1.66	1.10
Arts, Entertainment, and Recreation	9,816	1.37	1.50	1.31	1.75	0.24	0.50	1.68
Admin Support and Waste Mgmt Svcs	18,030	1.17	1.08	0.18	2.01	0.86	0.93	0.64
Retail Trade	48,256	1.03	1.45	2.49	0.65	0.37	1.55	1.97
Manufacturing	37,377	0.93	0.80	0.17	0.73	0.40	2.14	0.86
Transportation and Warehousing	19,212	0.80	0.68	0.09	0.26	0.30	2.38	1.21
Real Estate and Rental and Leasing	9,785	0.35	0.38	0.61	0.82	0.98	1.72	1.22
Educational Services	21,477	0.05	0.04	1.40	0.77	0.32	0.04	1.33
Other Services (except Public Admin)	19,169		0.54	0.16	0.60	0.50		1.63
Mining	100			0.03	0.00	0.12	0.80	0.50
Public Administration	7,203		0.53	0.00		0.24	56.25	2.41
Utilities	2,440			2.10	0.00	0.14	0.38	0.08
Professional, Scientific, and Technical Services							1.84	
Other	11							
Agriculture, Forestry, Fishing and Hunting							0.52	
Other Services (except Public Administration)							1.39	
Ag., Forestry, Fishing and Hunting	2,015		0.00	0.91	1.00	0.58		0.43
Prof., Sci., and Tech. Services	21,267		3.82	0.85	1.33	0.40		1.60
by Number of Establishments								
Arts, Entertainment, and Recreation	726	2.58	2.00	0.68	0.61	0.45	0.79	1.33
Health Care and Social Assistance	3,443	1.69	1.40	0.84	0.87	0.60	0.84	1.00
Wholesale Trade	1,795	1.63	1.35	0.43	0.56	0.54	1.22	1.38
Transportation and Warehousing	809	1.51	1.20	0.46	0.30	0.60	1.33	1.29
Manufacturing	1,907	1.33	0.92	0.46	0.49	0.38	1.15	0.99
Information	659	1.32	1.29	0.61	0.71	0.74	1.36	1.43
Total	32,231	1.29	1.04	0.61	0.64	0.52	1.05	1.22
Retail Trade	5,260	1.15	1.00	0.57	0.89	0.54	1.08	1.26
Construction	2,256	1.14	0.85	0.81	0.47	0.43	0.92	1.07
Finance and Insurance	1,148	1.12	1.00	0.64	0.86	0.52	0.72	1.72
Real Estate and Rental and Leasing	1,511	0.92	0.70	0.46	0.73	0.59	0.83	1.17
Admin Support and Waste Mgmt Svcs	1,689	0.90	0.73	0.78	0.80	0.60	1.04	0.80
Accommodation and Food Services	1,554	0.39	0.33	0.82	0.56	0.71	1.22	1.00
Educational Services	748	0.36	0.33	1.80	0.57	0.75	0.31	1.14
Utilities	33			4.00	0.00	0.25	0.33	0.67
Mining	14			0.33	0.00	0.38	3.00	1.00
Public Administration	160		1.00	0.00		0.83	0.50	3.00
Other Services (except Public Administration)							1.21	
Other Services (except Public Admin)	4,918		0.73	0.36	0.75	0.63		1.06
Agriculture, Forestry, Fishing and Hunting							1.33	
Prof., Sci., and Tech. Services	3,511		1.41	0.73	0.74	0.50		1.41
Ag., Forestry, Fishing and Hunting	82		0.00	0.60	0.70	0.47		0.67
Professional, Scientific, and Technical Services							0.96	
Other	8							

Source: NETS 2009, Calculations by Haveman Economic Consulting

Note: Ratio is the Western 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								
Real Estate and Rental and Leasing	7,192	33.09	38.60	0.49	0.18	0.75	1.13	3.28
Wholesale Trade	9,033	4.35	3.33	0.16	0.72	0.55	1.16	1.25
Manufacturing	25,590	4.14	6.15	0.23	0.21	0.51	2.39	4.09
Accommodation and Food Services	12,067	3.54	2.32	0.48	0.40	0.44	1.15	0.81
Arts, Entertainment, and Recreation	7,746	3.38	5.60	0.61	0.23	3.20	1.39	2.87
Construction	9,584	1.90	2.03	0.40	0.48	0.61	3.32	0.52
Total	209,008	1.47	1.51	0.41	0.51	0.63	1.98	1.63
Transportation and Warehousing	14,133	1.33	1.75	1.28	0.63	0.13	1.05	3.46
Retail Trade	29,629	1.00	1.18	0.11	1.12	1.03	0.78	2.87
Health Care and Social Assistance	20,798	0.76	0.69	0.95	0.49	1.14	0.88	1.12
Finance and Insurance	5,353	0.73	1.32	0.22	0.34	0.46	2.60	5.45
Admin Support and Waste Mgmt Svcs	11,107	0.68	0.77	0.30	1.62	1.46	1.41	0.86
Educational Services	14,429	0.20	0.62	0.14	0.06	3.35	11.71	0.15
Information	5,274	0.16	0.18	1.45	0.90	0.51	2.11	0.65
Other	485	0.00	0.00	0.00	5.00	1.90	0.00	0.50
Prof., Sci., and Tech. Services	14,327		0.71	0.35	0.61	0.73		1.11
Mining	83			0.00		12.15	0.00	
Professional, Scientific, and Technical Services							2.35	
Other Services (except Public Admin)	12,800		1.63	0.85	0.73	0.49		1.69
Public Administration	6,132			0.00	3.50	0.13	16.80	0.44
Agriculture, Forestry, Fishing and Hunting							1.34	
Ag., Forestry, Fishing and Hunting	1,847			0.92	0.12	0.78		5.64
Other Services (except Public Administration)							3.01	
Utilities	1,400			0.00		0.25	44.33	13.33
by Number of Establishments								
Real Estate and Rental and Leasing	1,048	6.26	5.50	0.53	0.20	0.65	0.88	2.13
Accommodation and Food Services	1,051	5.52	4.50	0.52	0.57	0.92	0.91	1.17
Construction	1,489	2.19	1.53	0.35	0.34	0.53	1.04	1.24
Admin Support and Waste Mgmt Svcs	1,537	2.04	1.36	0.42	0.42	0.55	0.87	1.09
Manufacturing	1,198	1.63	1.23	0.38	0.42	0.54	1.21	1.23
Wholesale Trade	1,113	1.43	0.95	0.24	0.51	0.63	1.13	0.81
Total	22,303	1.35	1.05	0.41	0.48	0.66	1.09	1.24
Health Care and Social Assistance	2,126	1.29	1.20	0.84	1.03	0.83	0.76	1.18
Finance and Insurance	823	1.24	1.00	0.39	0.36	0.58	0.94	1.74
Transportation and Warehousing	602	1.18	0.89	0.50	0.52	0.66	0.86	1.24
Information	515	1.18	1.12	0.52	0.60	0.90	1.13	1.62
Retail Trade	3,571	1.10	0.95	0.42	0.59	0.69	0.88	1.75
Arts, Entertainment, and Recreation	553	1.07	1.00	0.28	0.86	1.01	1.17	1.33
Educational Services	520	0.60	0.60	0.39	0.27	1.20	1.82	1.33
Other	25	0.00	0.00	0.00	1.00	1.50	0.00	0.50
Prof., Sci., and Tech. Services	2,482		0.61	0.39	0.44	0.72		1.20
Utilities	17			0.00		0.67	3.00	2.00
Agriculture, Forestry, Fishing and Hunting							5.00	
Public Administration	147			0.50	1.00	1.50	2.00	2.00
Other Services (except Public Administration)							1.21	
Ag., Forestry, Fishing and Hunting	63			1.00	0.50	1.22		2.00
Other Services (except Public Admin)	3,415		0.62	0.60	0.65	0.62		0.82
Mining	8			0.00		0.83	0.00	
Professional, Scientific, and Technical Services							1.29	

Source: NETS 2009, Calculations by Haveman Economic Consulting

Note: Ratio is the Western 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								
Educational Services	21,719	3.87	4.33	1.58	0.56	0.39	2.02	1.04
Admin Support and Waste Mgmt Svcs	19,069	2.02	1.38	0.69	0.73	0.26	0.77	0.96
Manufacturing	29,348	1.95	1.97	0.44	0.74	0.57	1.09	2.19
Construction	13,088	1.73	1.25	0.73	0.43	0.34	1.05	1.06
Transportation and Warehousing	14,071	1.61	1.26	0.17	0.69	0.81	1.76	0.48
Health Care and Social Assistance	27,546	1.17	0.95	1.15	0.73	0.67	0.31	1.21
Accommodation and Food Services	17,232	1.03	1.17	0.57	1.06	1.20	1.97	0.91
Total	278,834	0.99	0.90	0.79	0.81	0.58	0.82	1.53
Retail Trade	40,635	0.83	0.63	0.71	0.74	0.44	0.58	1.37
Arts, Entertainment, and Recreation	9,694	0.68	1.08	2.05	0.81	0.89	0.63	3.60
Wholesale Trade	12,786	0.40	0.32	1.01	0.63	0.48	1.13	0.75
Information	4,300	0.19	0.18	1.51	0.78	0.83	0.47	1.03
Finance and Insurance	8,202	0.17	0.11	0.63	0.75	0.82	0.39	0.82
Real Estate and Rental and Leasing	9,821	0.06	0.06	1.68	0.72	1.11	1.20	0.43
Prof., Sci., and Tech. Services	19,425		1.49	0.81	1.15	0.75		1.16
Agriculture, Forestry, Fishing and Hunting							1.06	
Ag., Forestry, Fishing and Hunting	2,473		0.10	0.27	0.24	1.77		0.15
Other Services (except Public Administration)							0.45	
Professional, Scientific, and Technical Services							0.61	
Other	69			0.03	0.80	0.32	3.00	0.00
Mining	90			0.02	0.62	0.18		43.59
Utilities	1,884		0.00	2.75	0.00	1.01		0.00
Public Administration	11,186			0.30	2.33	0.59	1.59	6.91
Other Services (except Public Admin)	16,196		1.14	0.82	0.68	0.56		3.01
by Number of Establishments								
Accommodation and Food Services	1,554	2.06	2.29	0.76	0.88	1.06	1.04	1.81
Admin Support and Waste Mgmt Svcs	4,347	1.47	0.96	0.43	0.67	0.63	0.69	0.85
Construction	2,384	1.41	0.89	0.48	0.47	0.51	0.72	0.95
Educational Services	837	1.34	1.00	0.66	0.58	0.74	0.58	1.18
Health Care and Social Assistance	3,137	1.30	0.95	0.59	0.64	0.68	0.62	1.16
Wholesale Trade	1,574	1.27	0.92	0.51	0.75	0.57	0.76	1.04
Manufacturing	1,652	1.23	0.85	0.42	0.65	0.55	0.70	1.15
Total	35,631	1.23	0.89	0.58	0.65	0.62	0.76	1.00
Finance and Insurance	1,383	1.13	0.82	0.81	0.58	0.61	0.83	0.81
Retail Trade	5,014	1.03	0.82	0.54	0.66	0.64	0.68	1.46
Transportation and Warehousing	1,020	0.92	0.58	0.35	0.67	0.51	0.66	0.97
Information	848	0.78	0.59	0.65	0.67	0.75	0.79	0.90
Arts, Entertainment, and Recreation	829	0.55	0.47	0.88	0.60	0.84	0.98	0.91
Real Estate and Rental and Leasing	1,707	0.34	0.27	0.88	0.46	0.65	1.12	0.88
Agriculture, Forestry, Fishing and Hunting							0.38	
Mining	14			0.40	1.00	1.00		9.50
Professional, Scientific, and Technical Services							0.82	
Prof., Sci., and Tech. Services	3,867		1.22	0.57	0.67	0.64		0.86
Utilities	25		0.00	2.00	0.00	1.00		0.00
Other	33			1.00	0.60	0.64	1.00	0.00
Other Services (except Public Administration)							0.72	
Ag., Forestry, Fishing and Hunting	103		1.00	0.67	1.00	1.65		0.60
Other Services (except Public Admin)	5,001		0.93	0.69	0.59	0.56		0.99
Public Administration	302			0.80	1.00	1.17	0.23	3.50

Source: NETS 2009, Calculations by Haveman Economic Consulting

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

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

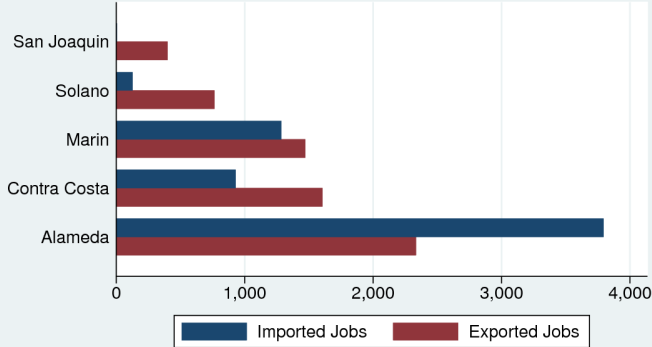
Industry	Total	Ratio	Alameda	San Francisco	Santa Clara	Los Angeles	Alameda	Contra Costa
by Employment								
Transportation and Warehousing	6,856	4.13	3.31	0.68	0.05	0.18	0.74	2.36
Wholesale Trade	6,452	2.93	3.07	0.59	0.71	0.44	1.43	2.07
Real Estate and Rental and Leasing	4,491	2.92	3.50	0.94	1.35	2.30	0.55	0.86
Construction	6,786	1.26	1.03	0.69	0.55	0.80	0.96	1.07
Arts, Entertainment, and Recreation	4,521	1.17	1.50	2.04	0.19	2.16	0.31	1.71
Manufacturing	14,011	1.11	1.03	1.66	0.41	0.61	0.65	1.32
Health Care and Social Assistance	13,880	0.62	0.42	0.77	0.61	0.88	0.24	0.84
Total	141,610	0.61	0.43	0.65	0.60	0.61	0.77	0.85
Retail Trade	21,116	0.47	0.38	0.57	0.43	0.83	0.98	1.27
Educational Services	10,852	0.36	0.45	0.44	3.03	0.80	0.39	1.60
Accommodation and Food Services	7,872	0.14	0.24	0.16	0.92	1.87	4.88	0.59
Admin Support and Waste Mgmt Svcs	10,680	0.13	0.13	0.24	2.18	0.57	0.64	1.38
Finance and Insurance	5,605	0.03	0.02	0.80	0.51	0.77	1.43	0.18
Information	2,008	0.00	0.00	2.96	0.36	0.64	0.24	1.94
Mining	86				0.00	0.01		0.00
Other Services (except Public Administration)							0.49	
Other Services (except Public Admin)	8,872		0.95	0.76	1.62	0.99		1.01
Public Administration	6,335			0.08		217.00	4.00	
Professional, Scientific, and Technical Services							0.82	
Other	105		0.00			2.83		0.00
Agriculture, Forestry, Fishing and Hunting							5.67	
Utilities	898		0.00		0.00	0.17		0.00
Ag., Forestry, Fishing and Hunting	1,252		1.00	0.82	0.80	2.57		2.00
Prof., Sci., and Tech. Services	8,932		4.75	0.47	1.10	0.58		0.83
by Number of Establishments								
Finance and Insurance	863	4.61	3.67	0.78	0.62	0.60	0.75	1.23
Manufacturing	891	3.03	2.40	0.43	0.95	0.64	0.76	1.17
Real Estate and Rental and Leasing	1,043	2.54	2.00	0.81	0.73	0.78	0.71	0.92
Educational Services	469	2.34	2.00	1.00	1.30	0.56	0.79	0.62
Transportation and Warehousing	691	2.22	1.50	0.25	0.30	0.83	0.70	1.30
Total	21,995	1.52	1.22	0.63	0.80	0.68	0.78	1.10
Construction	1,462	1.23	1.00	0.93	0.87	0.58	0.79	0.89
Wholesale Trade	912	1.20	1.00	0.84	0.67	0.62	1.03	1.00
Accommodation and Food Services	761	1.10	1.50	0.57	1.27	1.47	1.23	2.25
Health Care and Social Assistance	1,762	1.09	0.92	0.82	0.91	0.80	0.56	1.16
Retail Trade	2,688	1.00	0.86	0.39	0.88	0.74	0.83	1.42
Admin Support and Waste Mgmt Svcs	4,061	0.74	0.62	0.60	1.04	0.66	0.90	1.00
Arts, Entertainment, and Recreation	429	0.55	0.40	0.53	0.33	0.83	0.86	1.08
Information	495	0.00	0.00	0.81	0.65	0.60	0.67	1.29
Other Services (except Public Administration)							0.49	
Ag., Forestry, Fishing and Hunting	61		1.00	2.00	1.50	1.43		1.67
Other	29		0.00			3.00		0.00
Public Administration	158			0.50		3.00	1.00	
Mining	9				0.00	0.40		0.00
Utilities	13		0.00		0.00	0.67		0.00
Prof., Sci., and Tech. Services	2,432		2.43	0.66	0.71	0.68		1.00
Agriculture, Forestry, Fishing and Hunting							2.00	
Professional, Scientific, and Technical Services							0.77	
Other Services (except Public Admin)	2,766		1.00	0.52	1.03	0.61		1.33

Source: NETS 2009, Calculations by Haveman Economic Consulting

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

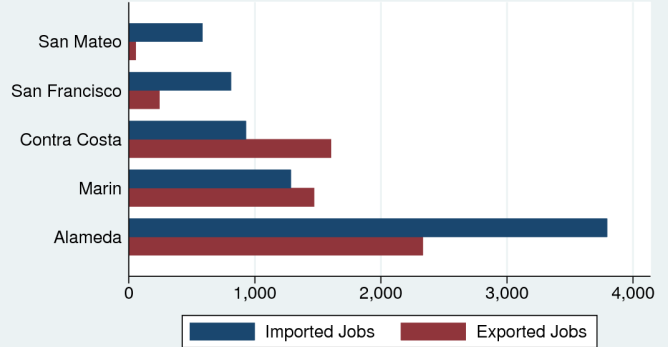
Largest Employment Trading Partners

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



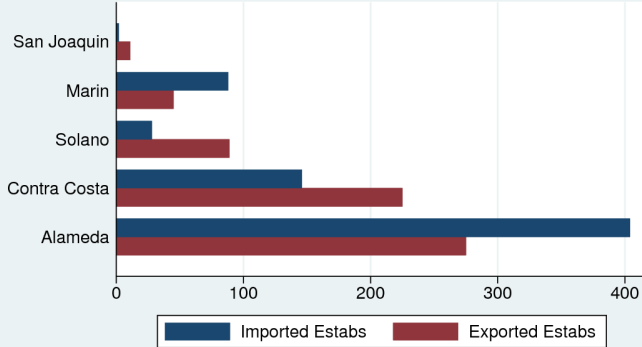
Note: Counties sorted by RED bars.
Counties are selected based on overall employment movement.

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



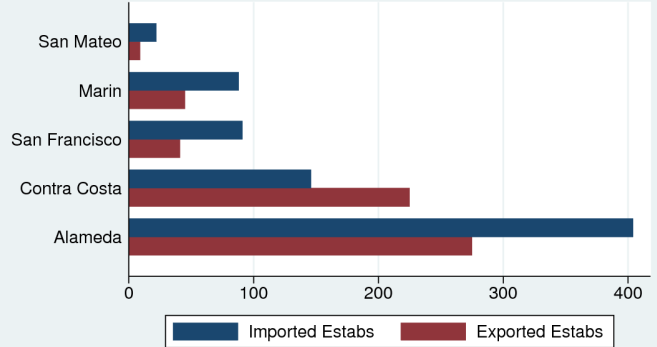
Note: Counties sorted by BLUE bars.
Counties are selected based on overall employment movement.

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



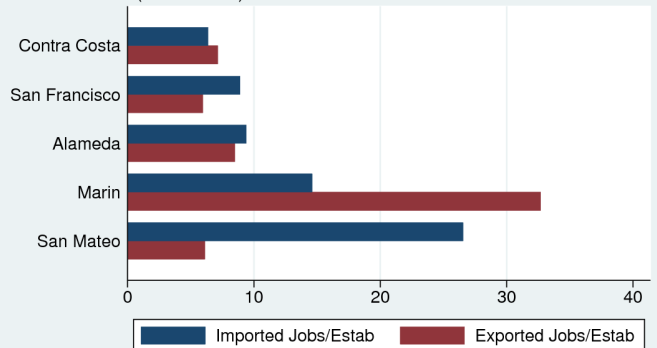
Note: Counties sorted by BLUE bars.
Counties are selected based on overall employment movement.

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



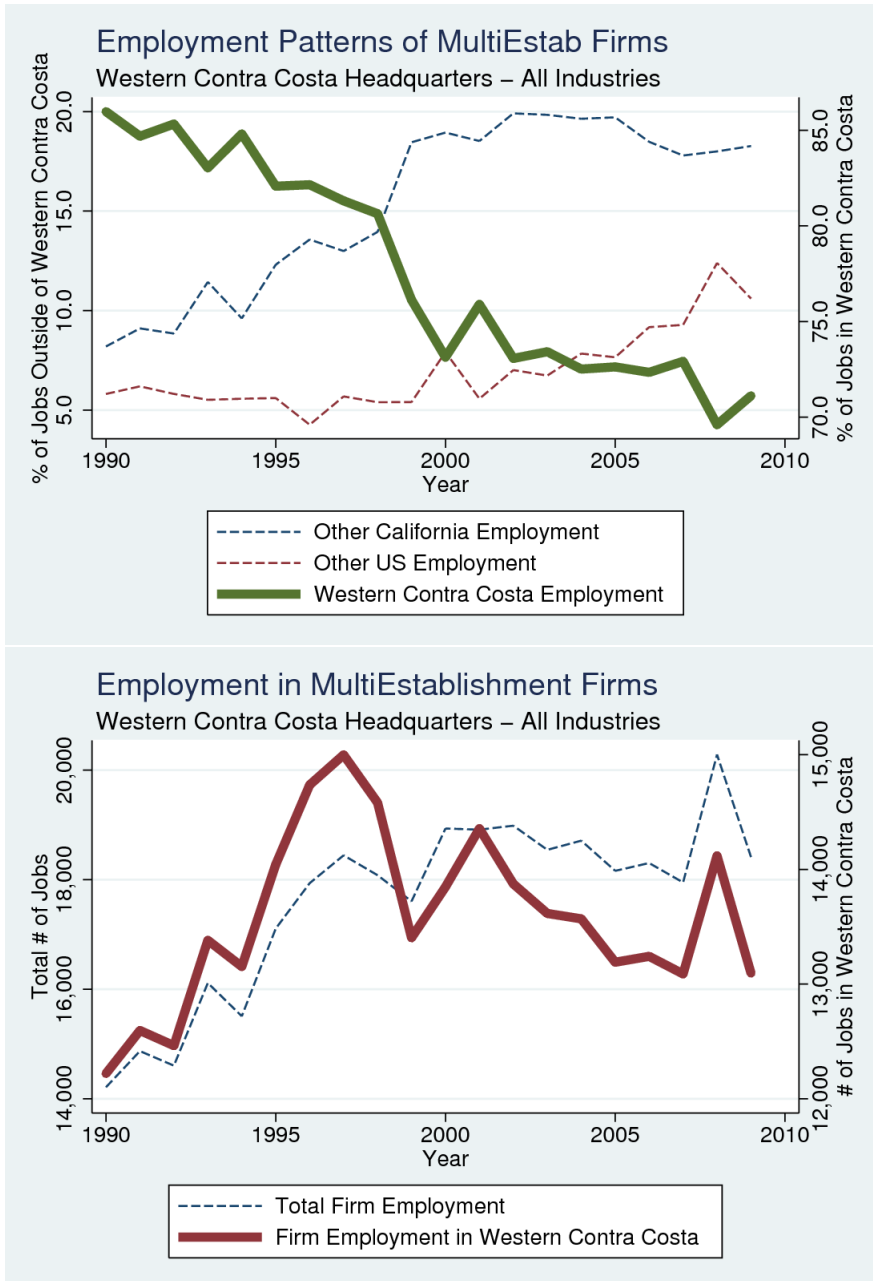
Note: Counties sorted by RED bars.
Counties are selected based on overall employment movement.

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



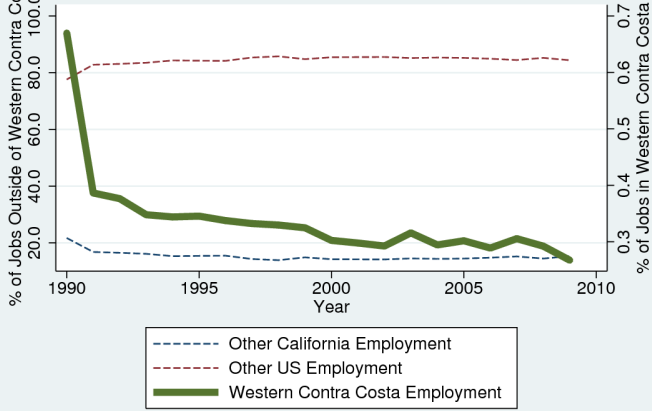
Note: Counties sorted by BLUE bars.
Counties are selected based on overall employment movement.

IntraFirm Geographical Employment Changes



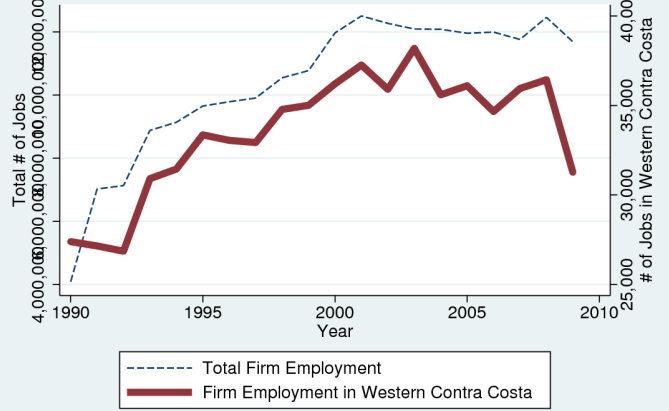
Employment Patterns of MultiEstab Firms

ALL – All Industries



Employment in MultiEstablishment Firms

ALL – All Industries



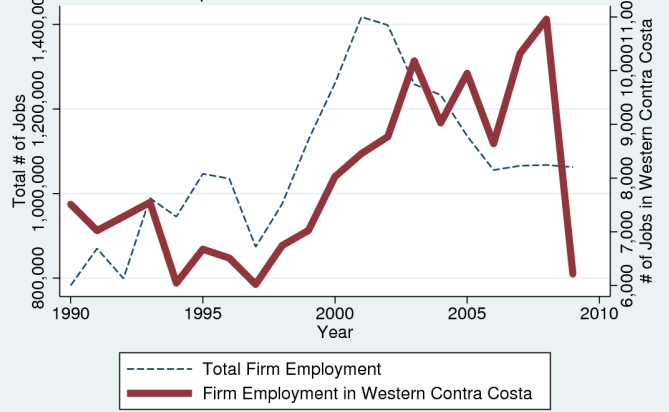
Employment Patterns of MultiEstab Firms

Other CA Headquarters – All Industries



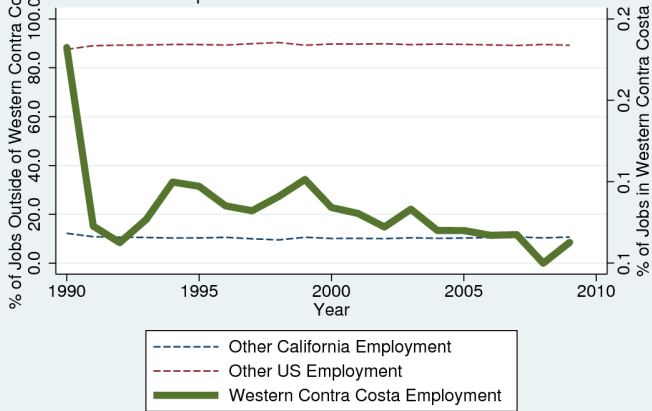
Employment in MultiEstablishment Firms

Other CA Headquarters – All Industries



Employment Patterns of MultiEstab Firms

Other US Headquarters – All Industries

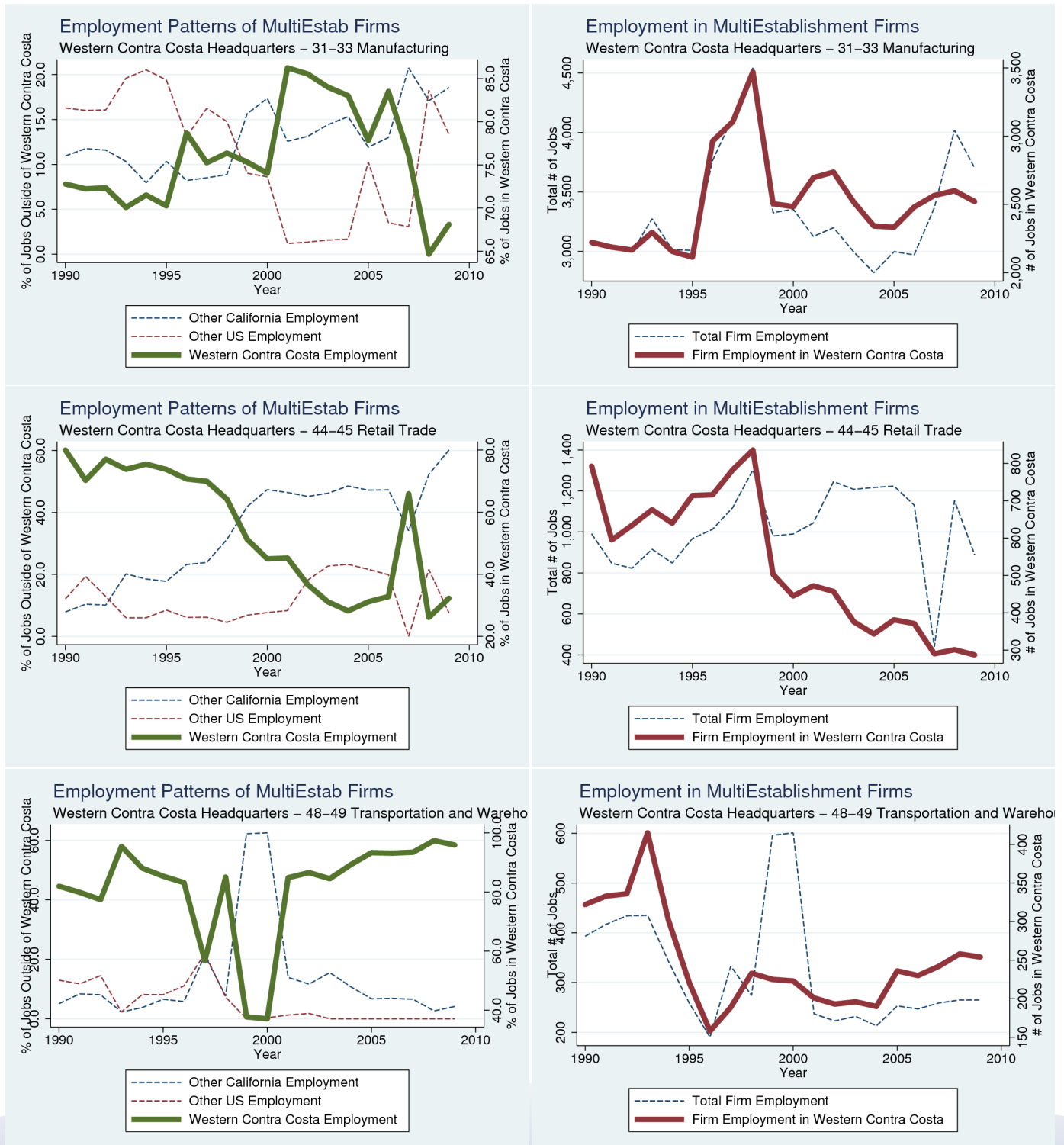


Employment in MultiEstablishment Firms

Other US Headquarters – All Industries



IntraFirm Geographical Employment Changes - by Major Industry



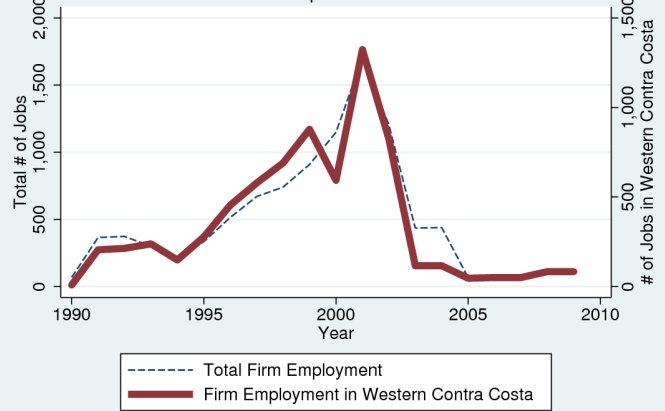
Employment Patterns of MultiEstab Firms

Western Contra Costa Headquarters – 51 Information



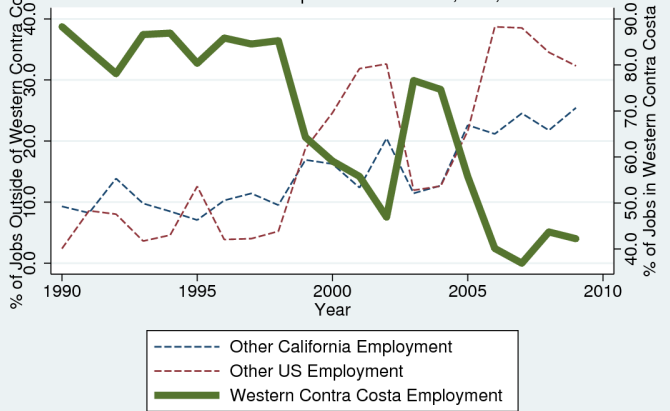
Employment in MultiEstablishment Firms

Western Contra Costa Headquarters – 51 Information



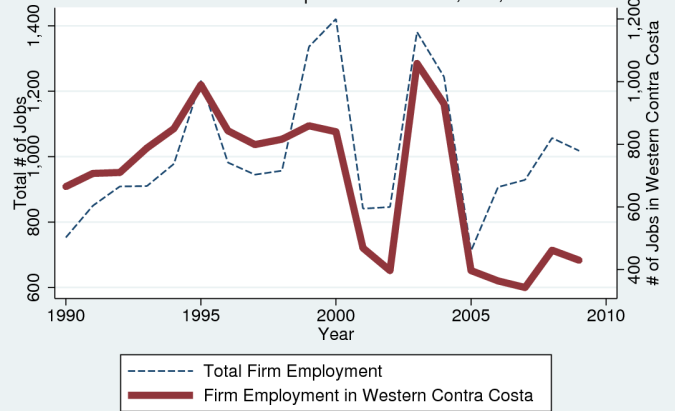
Employment Patterns of MultiEstab Firms

Western Contra Costa Headquarters – 54 Prof., Sci., and Tech. Services



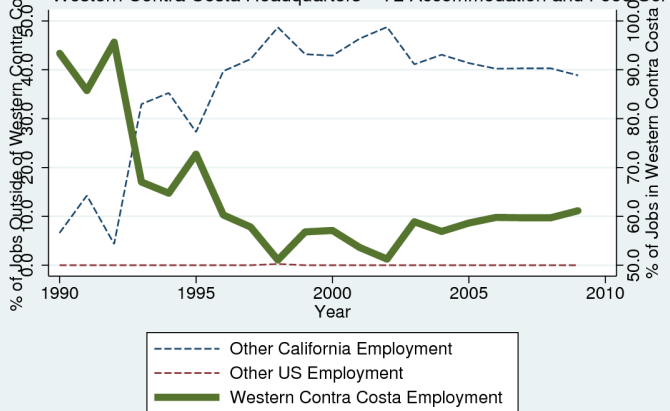
Employment in MultiEstablishment Firms

Western Contra Costa Headquarters – 54 Prof., Sci., and Tech. Services



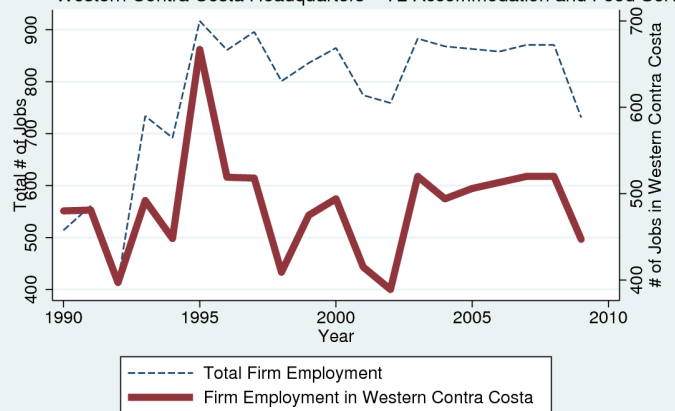
Employment Patterns of MultiEstab Firms

Western Contra Costa Headquarters – 72 Accommodation and Food Serv



Employment in MultiEstablishment Firms

Western Contra Costa Headquarters – 72 Accommodation and Food Serv



Startup Activity

Table 6: Startup Activity - Average Annual Statistics

NAICS	Description	# Establishments	# Births	Startup Activity	5 Year Survival
99	Other	7	2	28.57	17.86
56	Admin Support and Waste Mgmt Svcs	797	187	23.53	15.15
51	Information	177	24	13.69	27.75
48-49	Transportation and Warehousing	219	29	13.43	21.95
54	Prof., Sci., and Tech. Services	867	100	11.54	29.03
	Western Contra Costa	7,900	866	10.97	27.11
52	Finance and Insurance	297	32	10.91	25.51
23	Construction	533	57	10.74	24.56
53	Real Estate and Rental and Leasing	373	39	10.53	29.54
71	Arts, Entertainment, and Recreation	180	19	10.47	31.91
42	Wholesale Trade	383	38	9.81	29.43
44-45	Retail Trade	1,171	113	9.64	30.99
81	Other Services (except Public Admin)	1,136	106	9.31	32.03
62	Health Care and Social Assistance	740	60	8.12	36.29
11	Ag., Forestry, Fishing and Hunting	22	2	7.32	16.67
21	Mining	3	0	6.38	33.33
61	Educational Services	182	11	6.20	40.83
31-33	Manufacturing	403	25	6.14	30.19
72	Accommodation and Food Services	350	20	5.72	46.67
22	Utilities	6	0	4.21	0.00
92	Public Administration	54	1	1.86	46.67

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: Western Contra Costa Startup Activity - Average Annual Statistics

County	# Establishments	# Births	Startup Activity	5 Year Survival
Western Contra Costa	7,900	866	10.97	27.11
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: Western Contra Costa Startup Activity - Average Annual Statistics
NAICS 31-33: Manufacturing**

County	# Establishments	# Births	Startup Activity	5 Year Survival
Western Contra Costa	403	25	6.14	30.19
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: Western Contra Costa Startup Activity - Average Annual Statistics
NAICS 51: Information**

County	# Establishments	# Births	Startup Activity	5 Year Survival
Western Contra Costa	177	24	13.69	27.75
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: Western Contra Costa Startup Activity - Average Annual Statistics
NAICS 54: Prof, Sci, and Tech Srvcs**

County	# Establishments	# Births	Startup Activity	5 Year Survival
Western Contra Costa	867	100	11.54	29.03
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: Western Contra Costa Startup Activity - Average Annual Statistics
NAICS 81: Other Services**

County	# Establishments	# Births	Startup Activity	5 Year Survival
Western Contra Costa	1,136	106	9.31	32.03
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.