San Mateo County Establishment Size Evolution

Focus on Post-Recession Recovery

Q 3 – 2023 Update

Produced by

Marin Economic Consulting
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1. Overview of Establishment Size Changes Since the Onset of the Great Recession

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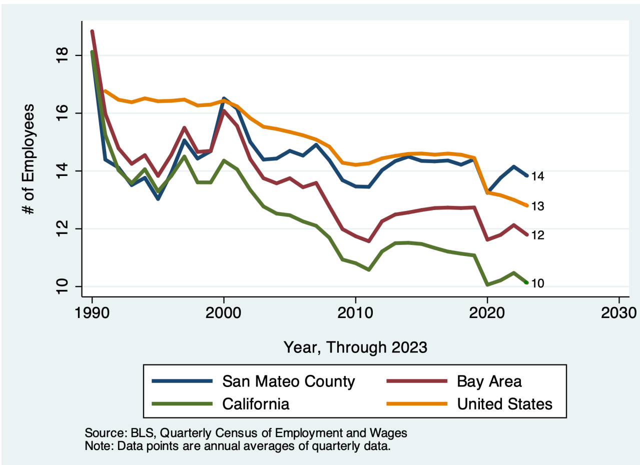


Figure 1 - 2: Growth in Establishment Numbers

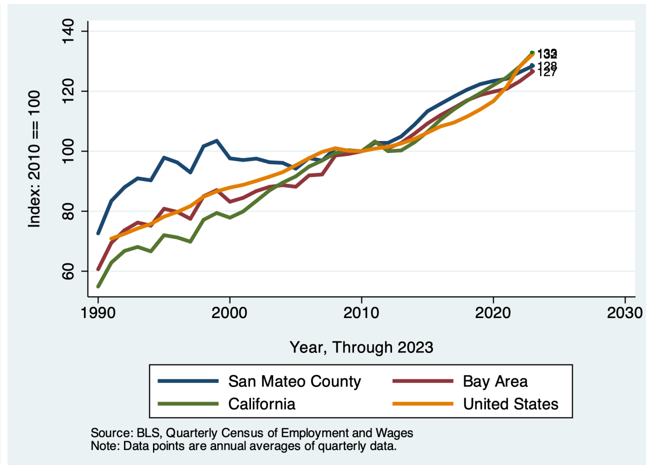


Figure 1 - 3

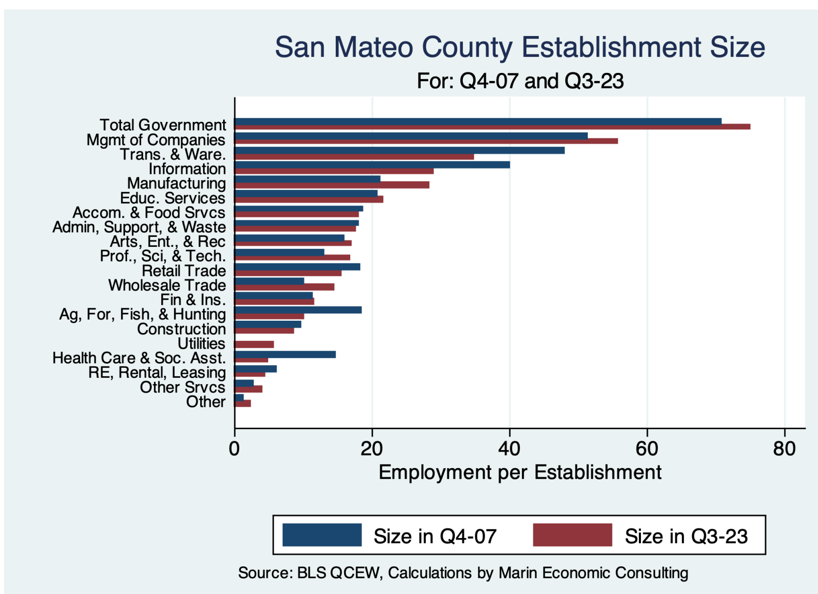


Table 1.1: Quarterly Summary for Q 3 – 2023

Sector	Levels in Q 3 – 2023: Establishments #	Ave. Size	Relative Size v. Bay	v. U.S.	Change vs Q 3 in 2007: Establishments #	Ave. Size	Relative Size v. Bay	v. U.S.
Health Care & Soc. Asst.	8,630	4.8	1.2	0.4	6,778	−9.66	0.19	−0.27
Prof., Sci, & Tech.	4,070	16.7	1.3	2.6	1,071	3.75	0.19	0.97
Other Srvcs	3,243	4.1	0.8	0.8	−1,814	1.33	−0.64	0.07
Accom. & Food Srvcs	2,063	18.0	1.1	1.0	493	−0.81	0.06	0.02
Construction	2,046	8.7	0.8	1.0	151	−1.35	−0.05	−0.15
Retail Trade	1,788	15.6	1.0	1.1	−237	−2.12	−0.07	−0.12
RE, Rental, Leasing	1,422	4.4	0.9	0.9	350	−1.72	−0.07	−0.16
Fin & Ins.	1,394	11.5	1.1	1.1	116	−0.24	0.18	0.09
Admin, Support, & Waste	1,271	17.6	1.0	1.3	192	−0.74	0.06	0.31
Wholesale Trade	932	14.4	1.2	1.5	−171	3.34	0.32	0.36
Information	714	28.9	1.1	2.8	295	−12.18	−0.40	0.89
Manufacturing	673	28.4	0.8	0.9	−92	7.57	0.21	0.33
Trans. & Ware.	607	34.8	1.7	1.8	65	−12.65	−0.07	−0.67
Educ. Services	522	21.6	1.5	1.2	263	2.90	0.51	0.44
Total Government	385	75.0	1.0	1.1	2	11.07	−0.15	0.17
Arts, Ent., & Rec	356	17.1	1.0	1.1	114	0.46	0.09	0.18
Other	149	2.2	1.5	2.4	143	1.08	0.96	1.37
Ag, For, Fish, & Hunting	131	10.1	0.7	0.9	27	−9.04	−0.76	−0.59
Mgmt of Companies	100	55.7	0.9	2.0	−5	4.22	0.07	0.68
Utilities	23	5.6	1.2	0.2	13	5.64	1.22	0.23
Mining	5	0.0	0.0	0.0	−3	−4.50	−0.53	−0.20
Total	30,524	13.7	1.2	1.1	7,751	−1.26	0.06	0.08

Source: BLS, QCEW; Calculations by Marin Economic Consulting

2. Relative Establishment Size Over Time

Table 2.1: Summary of Establishment Size versus the Bay Area as A Whole

Sector	Establishments in Q 3 – 2023 #	Ave. Size	Relative Establoshment Size: Q 3 of Each Year 1990	1995	2001	2004	2007	2023
Health Care & Soc. Asst.	8,630	4.8	0.82	1.05	0.98	0.72	1.01	1.21
Prof., Sci, & Tech.	4,070	16.7	1.02	0.94	1.19	1.10	1.14	1.33
Other Srvcs	3,243	4.1	1.07	0.98	1.14	1.22	1.44	0.80
Accom. & Food Srvcs	2,063	18.0	1.12	1.03	1.01	0.99	1.03	1.09
Construction	2,046	8.7	0.89	0.84	0.89	0.83	0.85	0.80
Retail Trade	1,788	15.6	1.05	1.04	1.12	1.11	1.07	1.00
RE, Rental, Leasing	1,422	4.4	1.36	1.27	1.03	0.99	0.99	0.91
Fin & Ins.	1,394	11.5	0.75	0.87	0.85	0.86	0.90	1.08
Admin, Support, & Waste	1,271	17.6	0.91	0.74	0.86	0.93	0.90	0.97
Wholesale Trade	932	14.4	0.93	1.06	0.88	0.88	0.88	1.20
Information	714	28.9	0.96	1.09	1.72	1.88	1.51	1.11
Manufacturing	673	28.4	0.59	0.65	0.68	0.81	0.60	0.81
Trans. & Ware.	607	34.8	2.84	0.97	2.01	1.88	1.82	1.75
Educ. Services	522	21.6	0.97	0.91	0.67	0.70	0.97	1.48
Total Government	385	75.0	1.10	1.01	1.03	1.04	1.17	1.02
Arts, Ent., & Rec	356	17.1	1.08	0.78	0.94	0.94	0.87	0.96
Other	149	2.2			0.82	1.03	0.59	1.55
Ag, For, Fish, & Hunting	131	10.1	2.06	2.06	1.56	1.43	1.50	0.74
Mgmt of Companies	100	55.7	1.03	1.34	0.94	0.92	0.88	0.94
Utilities	23	5.6	0.65	0.33	0.95	2.09	0.00	1.22
Mining	5	0.0			0.53	0.83	0.53	0.00

Source: BLS, QCEW; Calculations by Marin Economic Consulting

Table 2.2: Summary of Relative Establishment Size versus California as A Whole

Sector	Establishments in Q 3 – 2023 #	Ave. Size	Relative Establishment Size: Q 3 of Each Year 1990	1995	2001	2004	2007	2023
Health Care & Soc. Asst.	8,630	4.8	0.71	0.94	0.96	0.67	0.96	1.33
Prof., Sci, & Tech.	4,070	16.7	1.07	1.07	1.41	1.28	1.44	2.17
Other Srvcs	3,243	4.1	1.11	1.04	1.33	1.46	1.76	0.75
Accom. & Food Srvcs	2,063	18.0	1.01	0.97	0.96	0.91	0.97	1.00
Construction	2,046	8.7	0.86	0.87	0.93	0.80	0.86	0.88
Retail Trade	1,788	15.6	1.09	1.07	1.19	1.10	1.09	1.07
RE, Rental, Leasing	1,422	4.4	1.40	1.36	1.06	0.97	0.98	0.96
Fin & Ins.	1,394	11.5	0.80	0.94	0.93	0.87	0.97	1.24
Admin, Support, & Waste	1,271	17.6	0.98	0.76	0.73	0.81	0.82	0.96
Wholesale Trade	932	14.4	0.98	1.10	0.99	0.96	0.96	1.39
Information	714	28.9	1.09	1.13	2.13	2.12	1.75	1.86
Manufacturing	673	28.4	0.61	0.76	0.83	0.89	0.67	1.04
Trans. & Ware.	607	34.8	3.82	0.96	2.45	2.14	2.17	1.97
Educ. Services	522	21.6	0.65	0.74	0.74	0.72	0.82	1.27
Total Government	385	75.0	1.29	1.17	1.00	0.93	1.02	1.12
Arts, Ent., & Rec	356	17.1	1.30	1.04	1.24	1.26	1.20	1.86
Other	149	2.2			0.63	1.68	0.95	1.27
Ag, For, Fish, & Hunting	131	10.1	1.52	1.28	1.04	0.82	0.80	0.37
Mgmt of Companies	100	55.7	1.26	1.60	1.09	1.02	1.03	1.08
Utilities	23	5.6	0.45	0.25	0.27	0.52	0.00	0.53
Mining	5	0.0			0.57	0.29	0.16	0.00

Source: BLS, QCEW; Calculations by Marin Economic Consulting

Table 2.3: Summary of Relative Establishment Size versus the United States as A Whole

Sector	Establishments in Q 3 – 2023 #	Ave. Size	Relative Establishment Size: Q 3 of Each Year 1990	1995	2001	2004	2007	2023
Health Care & Soc. Asst.	8, 630	4.8	0.52	0.61	0.70	0.48	0.71	0.44
Prof., Sci, & Tech.	4, 070	16.7	1.23	1.03	1.62	1.45	1.67	2.64
Other Srvcs	3, 243	4.1	0.82	0.56	0.65	0.65	0.73	0.80
Accom. & Food Srvcs	2, 063	18.0	1.15	0.83	0.93	0.88	0.98	1.00
Construction	2, 046	8.7	1.04	0.78	1.18	1.08	1.15	1.00
Retail Trade	1, 788	15.6	1.40	1.00	1.24	1.19	1.21	1.09
RE, Rental, Leasing	1, 422	4.4	1.54	1.23	1.07	1.01	1.05	0.89
Fin & Ins.	1, 394	11.5	1.07	0.84	0.91	0.91	0.96	1.06
Admin, Support, & Waste	1, 271	17.6	1.16	0.73	0.81	0.90	0.99	1.30
Wholesale Trade	932	14.4	1.32	1.16	1.18	1.11	1.16	1.51
Information	714	28.9	1.14	1.04	2.04	2.24	1.95	2.84
Manufacturing	673	28.4	0.52	0.51	0.66	0.68	0.54	0.87
Trans. & Ware.	607	34.8	4.66	1.02	2.94	2.42	2.48	1.80
Educ. Services	522	21.6	0.59	0.52	0.64	0.63	0.74	1.18
Total Government	385	75.0	1.39	1.31	0.90	0.80	0.92	1.09
Arts, Ent., & Rec	356	17.1	1.31	0.79	1.03	1.00	0.96	1.15
Other	149	2.2			0.83	2.10	1.06	2.43
Ag, For, Fish, & Hunting	131	10.1	2.00	1.80	1.67	1.32	1.44	0.85
Mgmt of Companies	100	55.7	1.03	2.06	1.57	1.36	1.37	2.05
Utilities	23	5.6	0.23	0.22	0.28	0.41	0.00	0.23
Mining	5	0.0			0.77	0.35	0.20	0.00

Source: BLS, QCEW; Calculations by Marin Economic Consulting

3. Detailed Relative Establishment Size Evolution by Industry

Graphs present only Q 3 data for each year. Ten largest industries are presented.

Figure 3 - 1: 92: Total Government

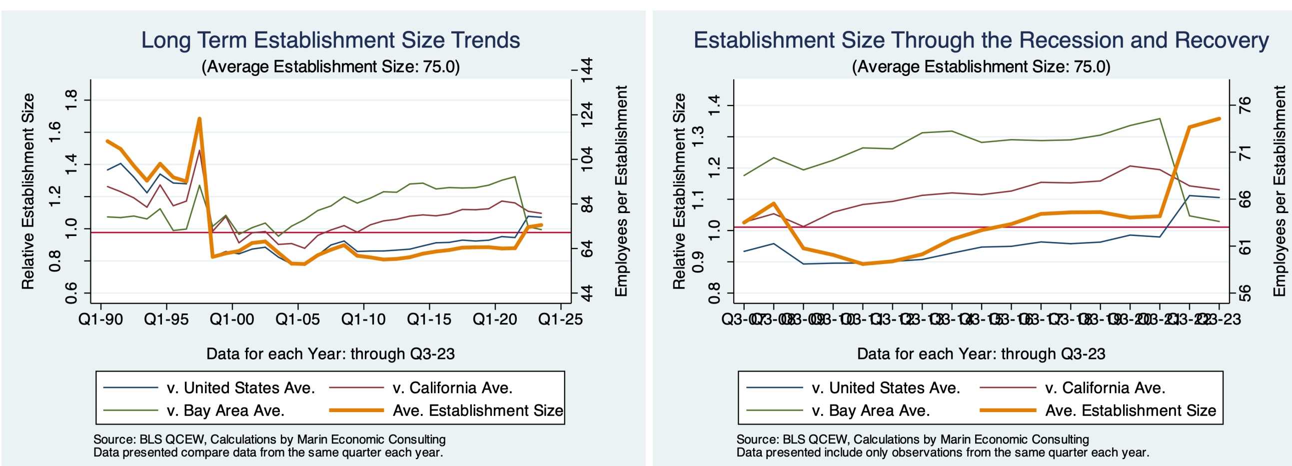


Figure 3 - 2: 55: Mgmt of Companies

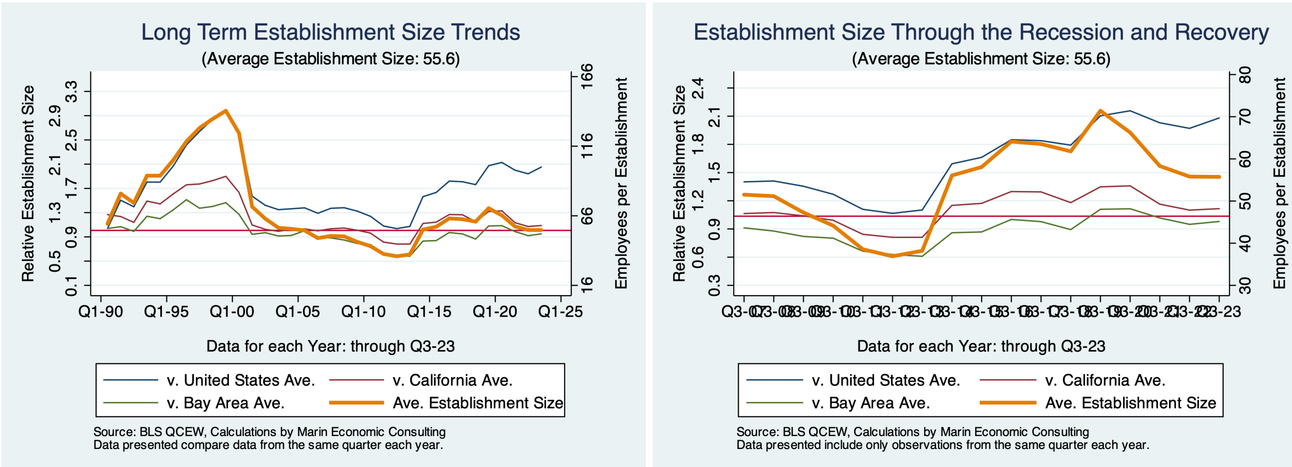


Figure 3 - 3: 48-49: Trans. & Ware.

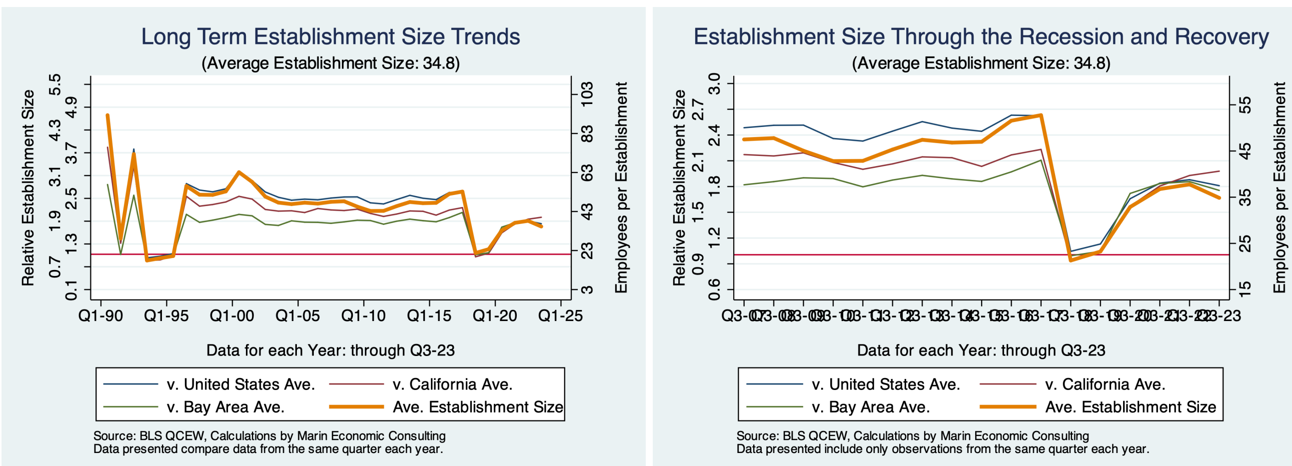


Figure 3 - 4: 51: Information

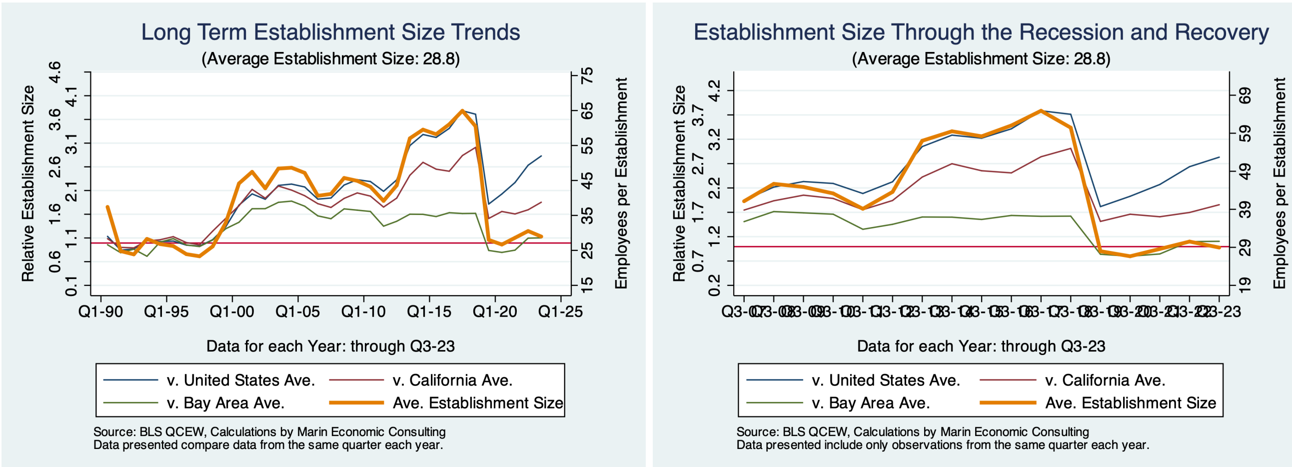


Figure 3 - 5: 31-33: Manufacturing

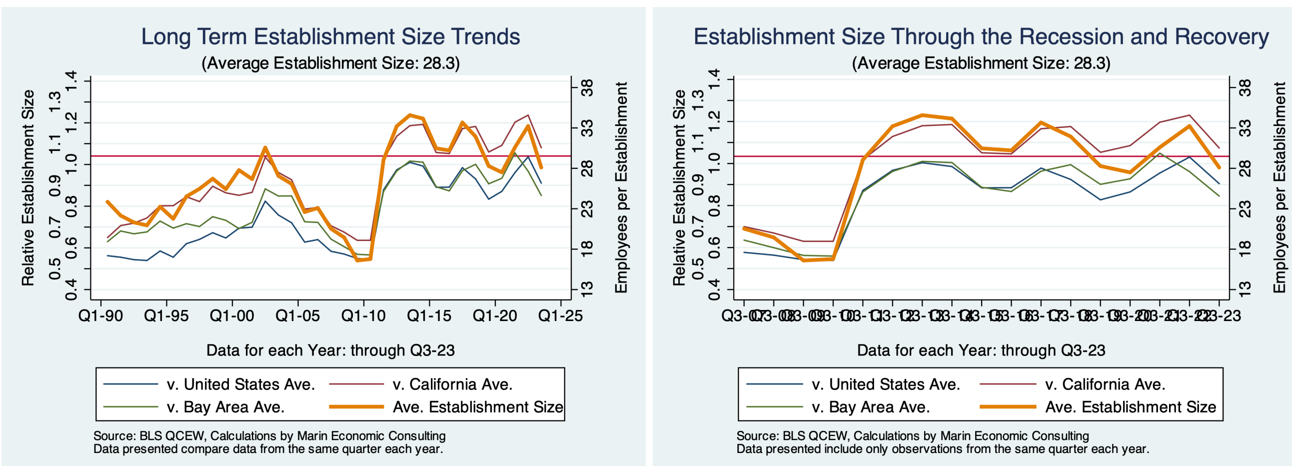
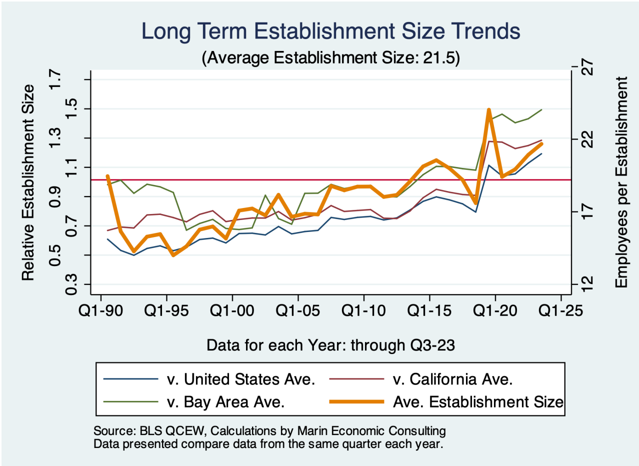


Figure 3 - 6: 61: Educ. Services



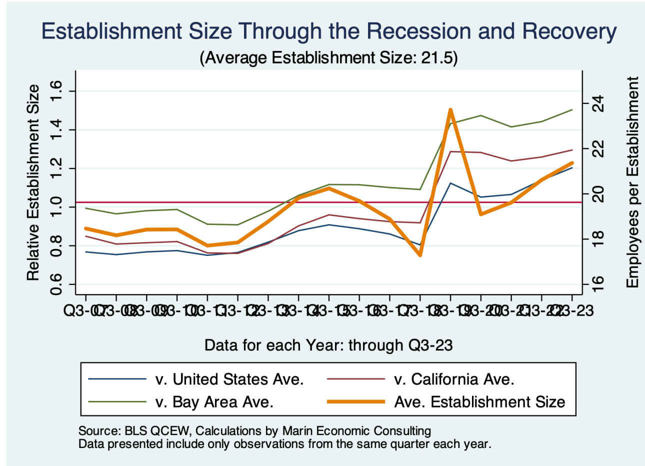
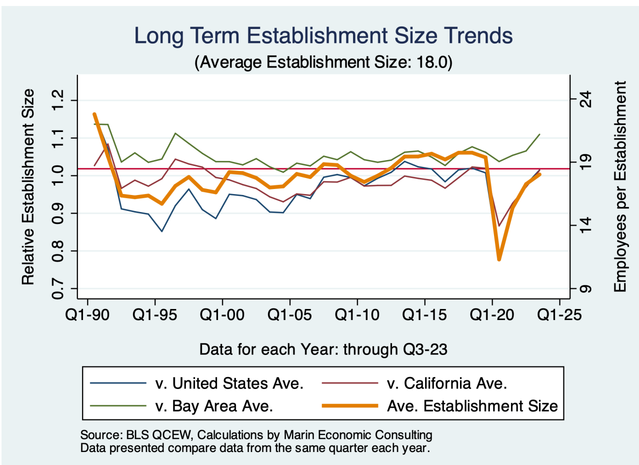


Figure 3 - 7: 72: Accom. & Food Srvcs



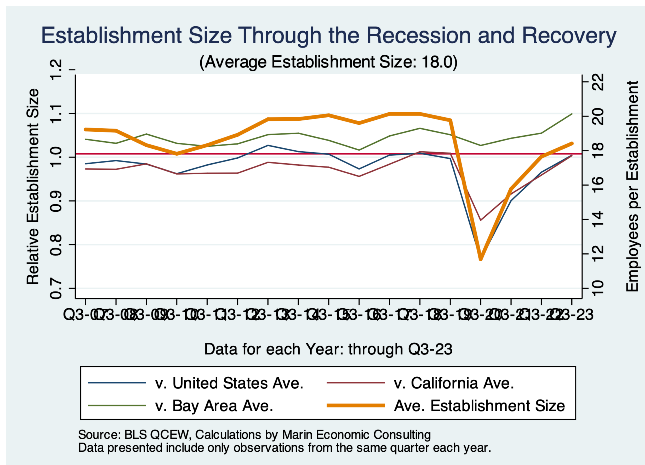


Figure 3 - 8: 56: Admin, Support, & Waste

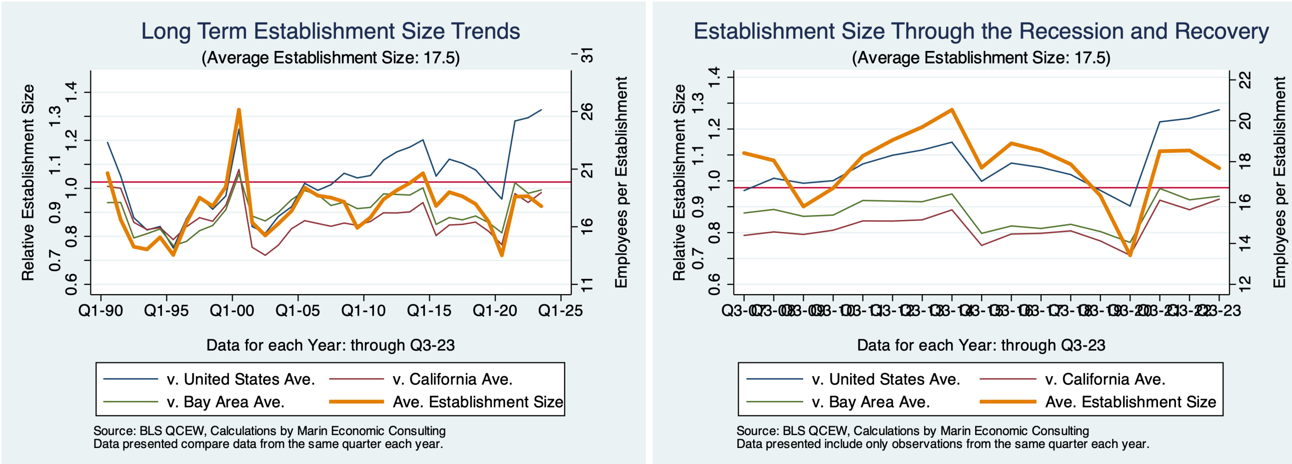


Figure 3 - 9: 71: Arts, Ent., & Rec

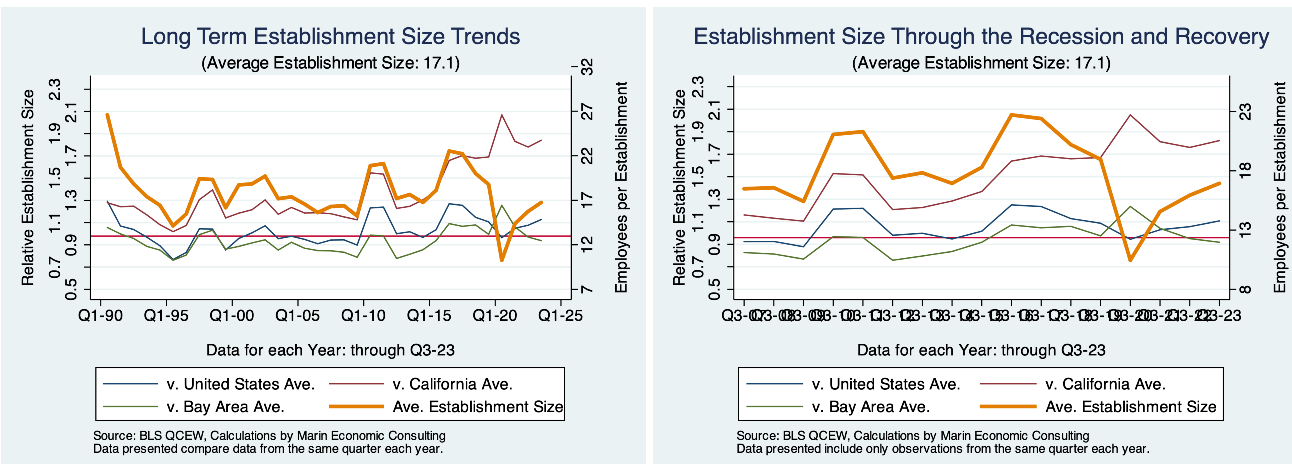
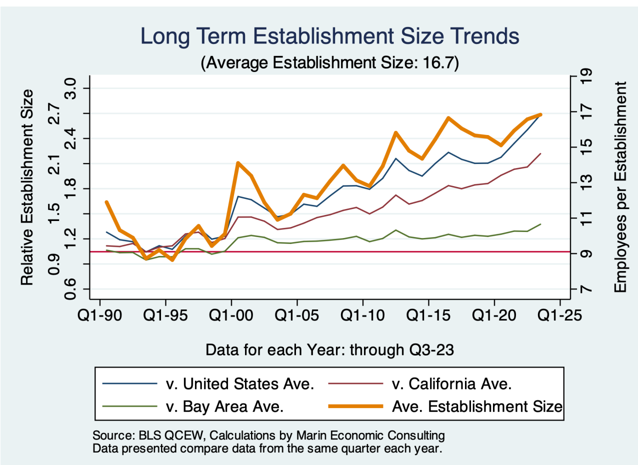
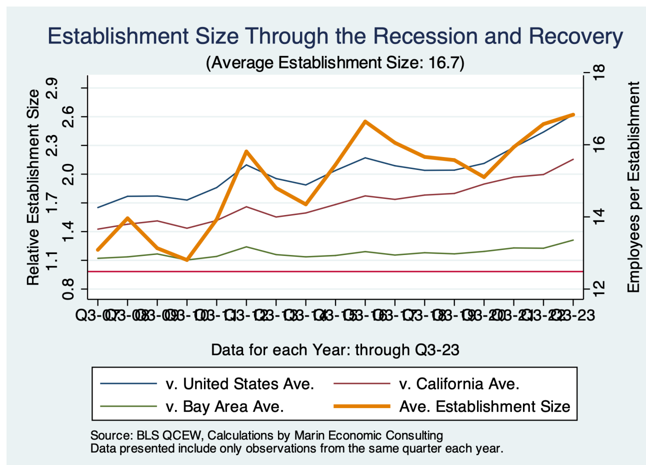


Figure 3 - 10: 54: Prof., Sci, & Tech.

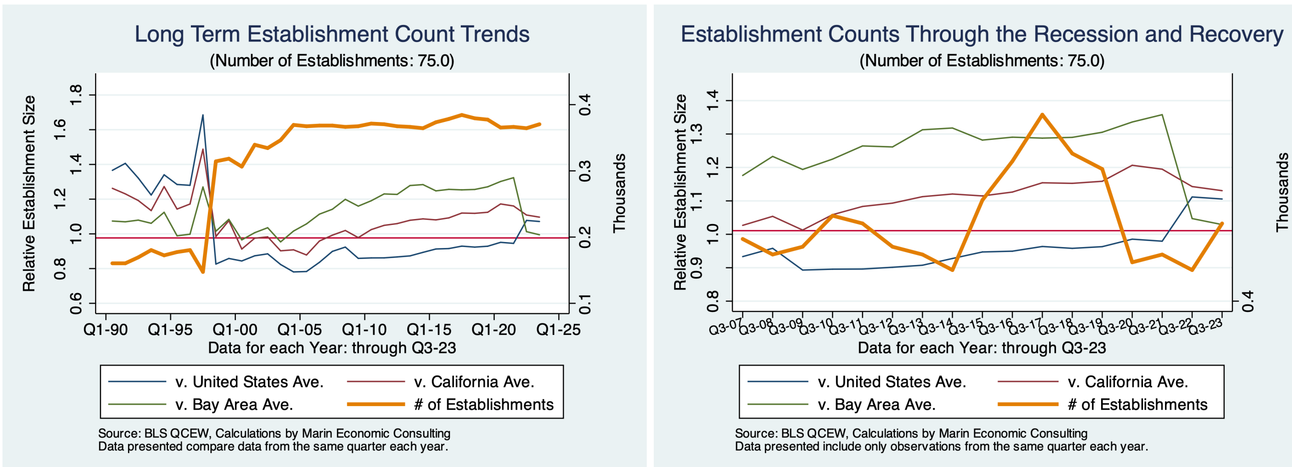




4. Growth in # of Establishments

Graphs present only Q 3 data for each year. Ten largest industries are presented.

Figure 4 - 1: 92: Total Government



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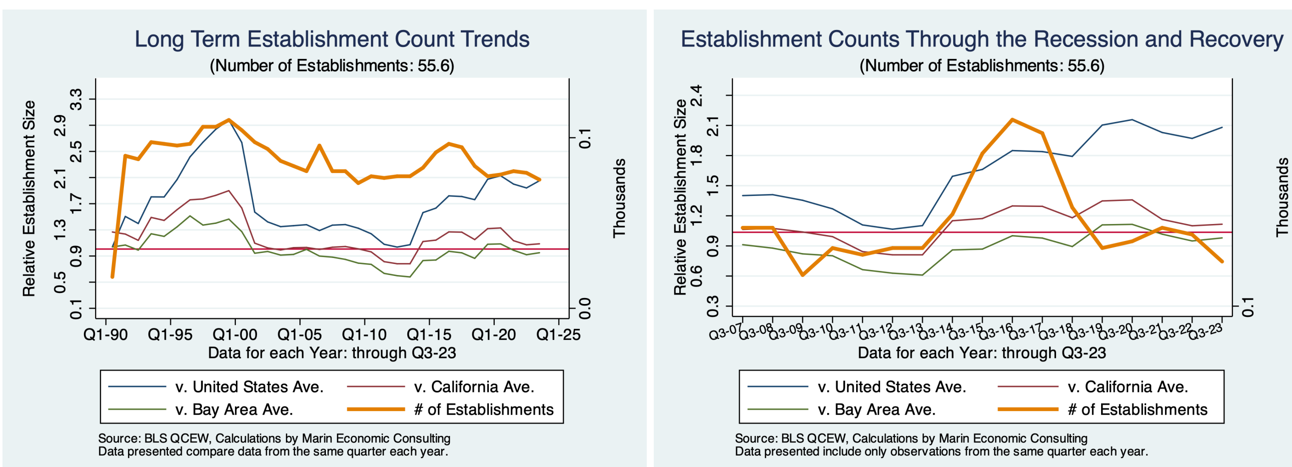

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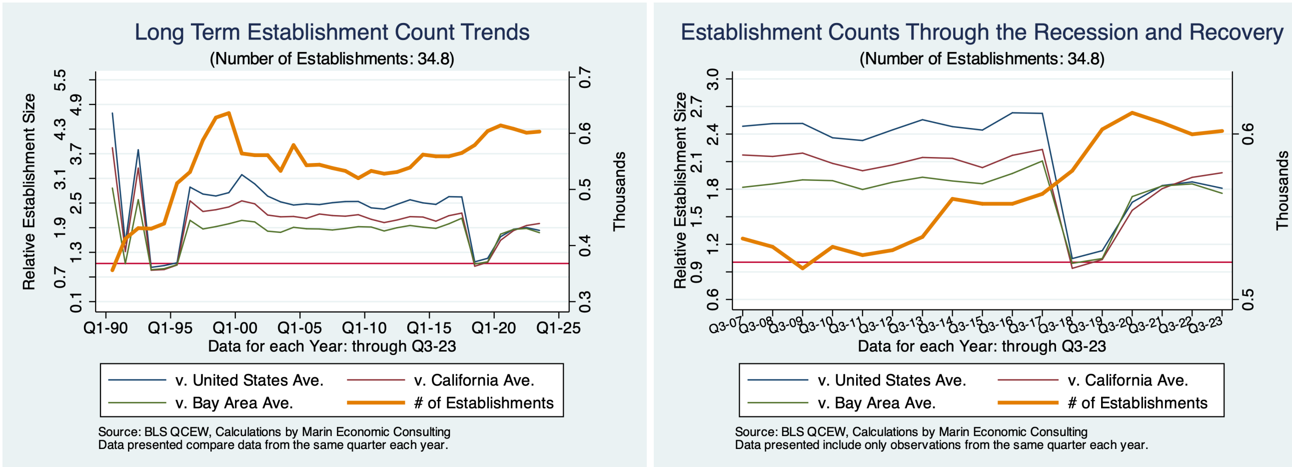


Figure 4 - 4: 51: Information

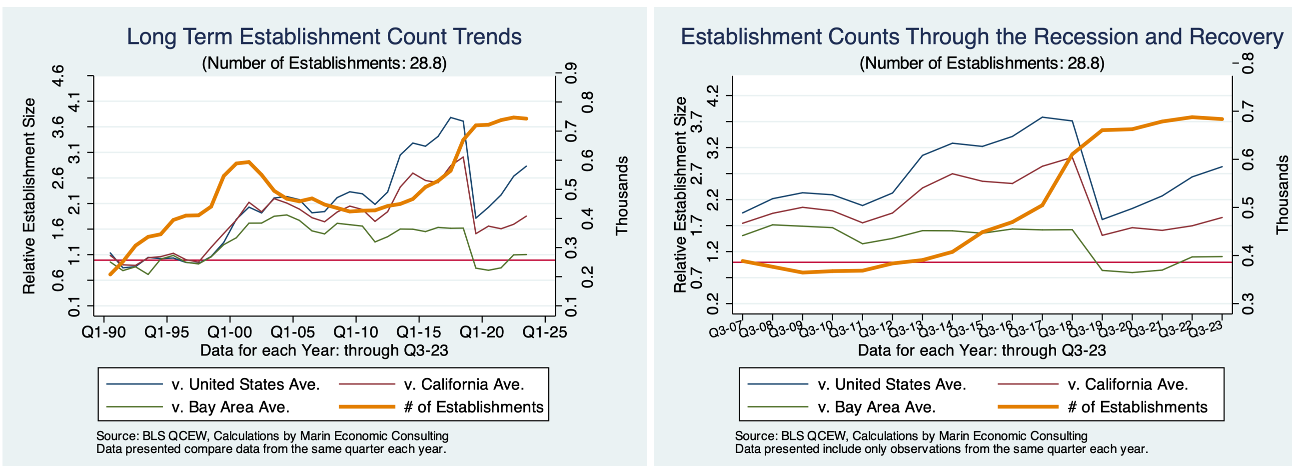
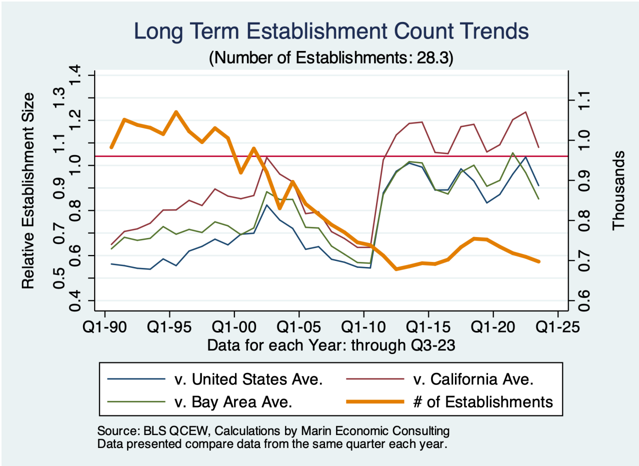


Figure 4 - 5: 31-33: Manufacturing



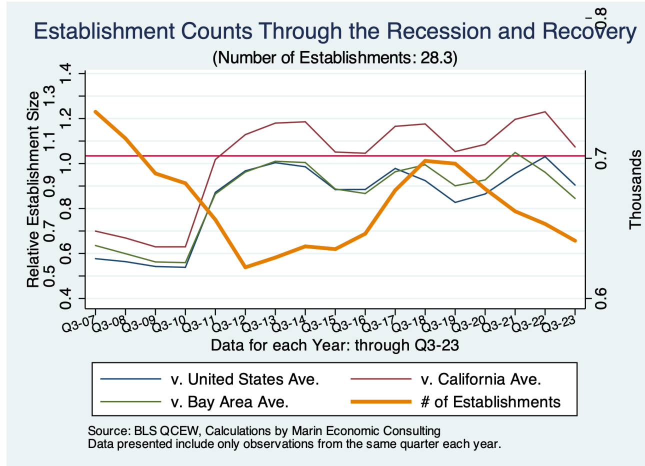
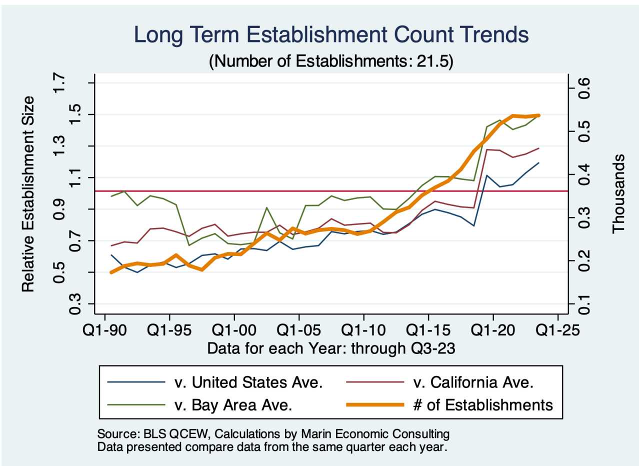


Figure 4 - 6: 61: Educ. Services



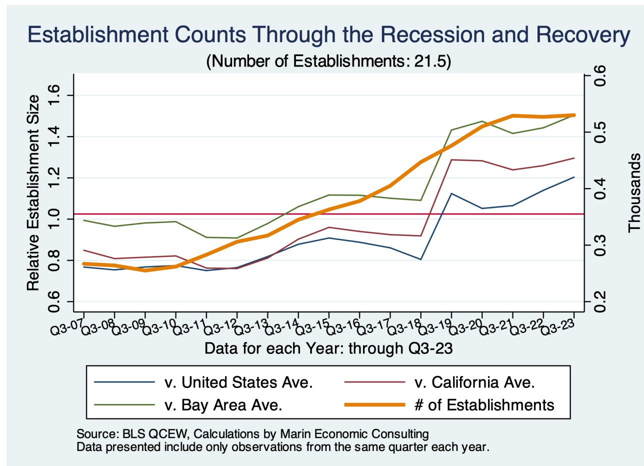


Figure 4 - 7: 72: Accom. & Food Srvcs

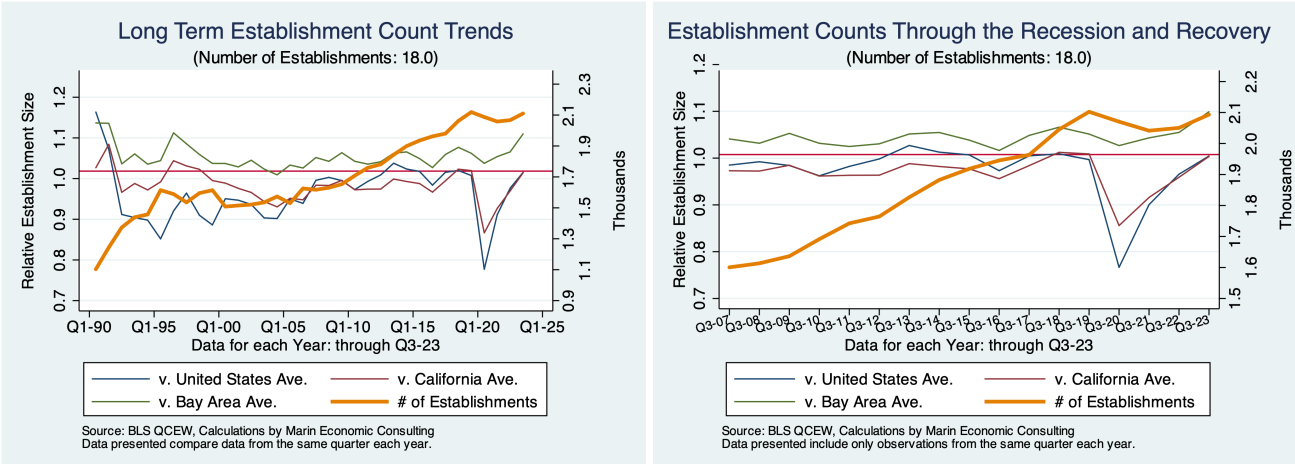


Figure 4 - 8: 56: Admin, Support, & Waste

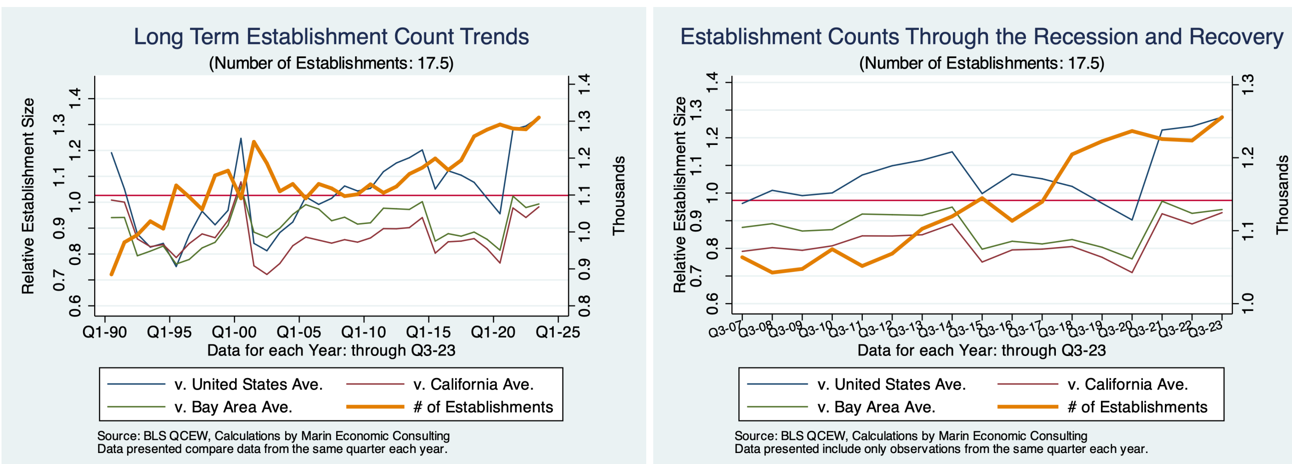
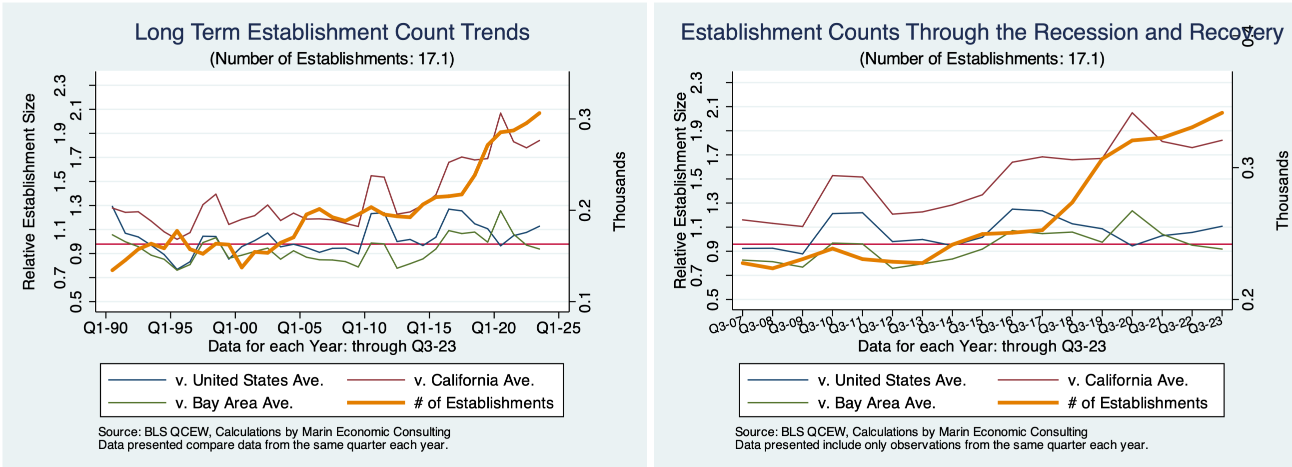


Figure 4 - 9: 71: Arts, Ent., & Rec



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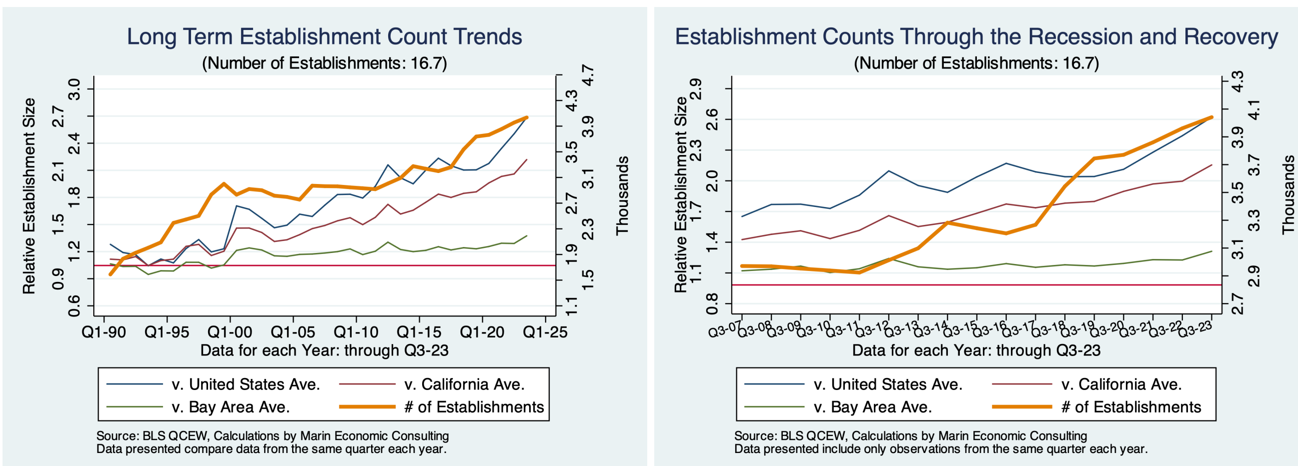

5. Descriptions and References

The contents of this report illustrate the evolution of San Mateo County establishment size patterns over time. There are several types of data presented. They include:

Establishment Counts: Number of establishments that emily non-farm payroll employees in each industry.

Average Size: The average number of non-farm payroll employees in each establishment by industry.

Relative Establishment Size: Relative establishment size is indicated by the ratio of the establishment size locally (by industry) to the average size in some broader geography. When indicating relative size versus California, it is the region's relative size divided by the relative size of establishments in California. Therefore, values greater than one indicate larger establishments locally in the industry in question and values less than one indicate smaller establishments on average. Relative establishment sizes are presented versus the Bay Area, California, and the United States, separately.

LQ: LQ is used as a shorthand in the graphs for Relative Establishment Size. This is used because it is comparable in concept to Location Quotient, which is the ratio of employment shares. The values presented in the graphs are ratios of establishment sizes.

The data underlying this report are from the Bureau of Labor Statistics: Quarterly Census of Employment and Wages (QCEW). These data are available on a quarterly basis, generally with a 5 month lag from the end of the quarter to the release of the data.

QCEW: The Quarterly Census of Employment and Wages (QCEW) program publishes a quarterly count of employment and wages reported by employers covering 98 percent of U.S. jobs, available at the county, MSA, state and national levels by industry. http://www.bls.gov/cew/home.htm

Time Period: The date extend from Q1-1990 through Q 3 - 2023

Seasonality: There is a significant seasonal component to many industries. The QCEW data are not seasonally adjusted. Rather than seasonally adjusting the data, most comparisons in this report are between the same quarter in different years. The data presented are therefore the actual employment levels compared across years.

A particular focus of this report is on the post-Great Recession recovery. This is accomplished by comparing the most recent quarter of data to the same quarter in 2007, the last non-recessionary year for most of California and the United States.