



---

# Program Growth and Performance

Data Supplement Prepared for the West End Corridor Consortium

---

**Greg Hill Jr.**  
**Research Associate II**  
**WestEd**  
**[ghill@wested.org](mailto:ghill@wested.org)**  
**415-615-3362**

**September 2020**

---

© 2020 WestEd. All rights reserved.

WestEd is a nonpartisan, nonprofit research, development, and service agency that works with education and other communities throughout the United States and abroad to promote excellence, achieve equity, and improve learning for children, youth, and adults. WestEd has more than a dozen offices nationwide, from Massachusetts, Vermont, Georgia, and Washington, DC, to Arizona and California, with headquarters in San Francisco.



# Contents

---

<b>Overview</b>	<b>2</b>
<b>Program Growth and Change</b>	<b>2</b>
Emergent Research Questions	2
Intended Outcomes	2
Data Highlights	3
Trends in Overall Enrollment	3
Trends in Program Enrollment	4
<hr/>	
<b>Program Effectiveness</b>	<b>8</b>
Student Academic Success	8
Emergent Research Questions	8
Intended Outcomes	8
Data Highlights	8
Student Transitions	10
Emergent Research Questions	10
Intended Outcomes	10
Data Highlights	10

# Overview

This brief is provided as a supplement to formal and informal data conversations and activities with West End Corridor Consortium agencies over the 2019-2020 program year. It is divided into two sections: 1) Program Growth and Change and 2) Program Effectiveness. Each section presents analyses and data designed to address key questions related to program change and impact as captured in *Setting the Stage: Questions of Interest and Data Sources to Inform Data Review and Planning for the West End Corridor Consortium*, as well subsequent activities following data reviews occurring in February and March of 2020.

## Program Growth and Change

### Emergent Research Questions

This section looks at CAEP program enrollment across West End Consortium agencies. Questions that the data presented here can help to address include:

- To what extent have West End Consortium programs grown over time?
- Are some programs growing / contracting more than others?
- How many students are participating in more than one program?

### Intended Outcomes

Data and analyses are intended to help WECC member agencies achieve the following:

- Member agencies are more knowledgeable about enrollment trends within the region
- Member agencies can better leverage effective practices for program delivery

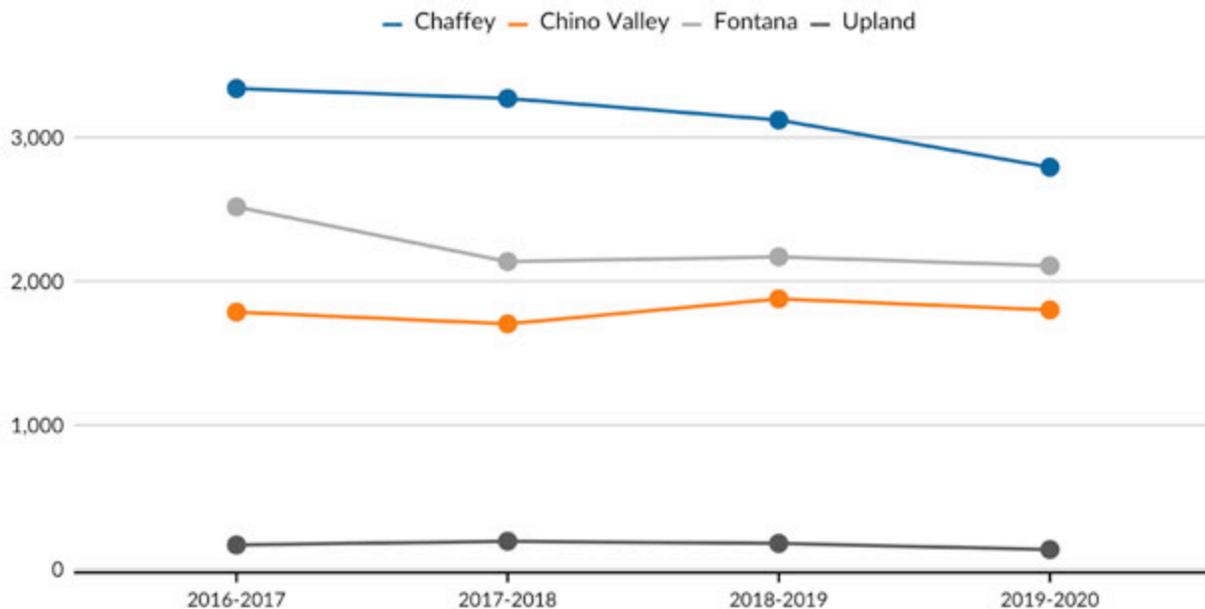
## Data Highlights

Data from each agency covering the current and previous four academic years are used in the analysis. Trends and data highlights are found below.

### Trends in Overall Enrollment

Despite a slight uptick in 2018-19, adult school enrollment has generally trended downward over the last four years. Enrollment overall fell by 7 percent (n = 510) in 2019-2020, the largest decrease in the four-year period. Among the larger schools, Chaffey’s programs contracted the most between 2018-19 and 2019-20 (11 percent, n = 328), followed by Chino Valley (4 percent, n = 77), and Fontana (3 percent, n = 62). Upland’s enrollment decreased by 43 students (24 percent) overall.

#### Total Outcomes Enrollees by Agency and Year



Source: TOPSPRO Enterprise. Enrollments reflect total unduplicated counts of students in CAEP with 1 or more hours of instructional contact time

#### Total Unduplicated Enrollment by Year

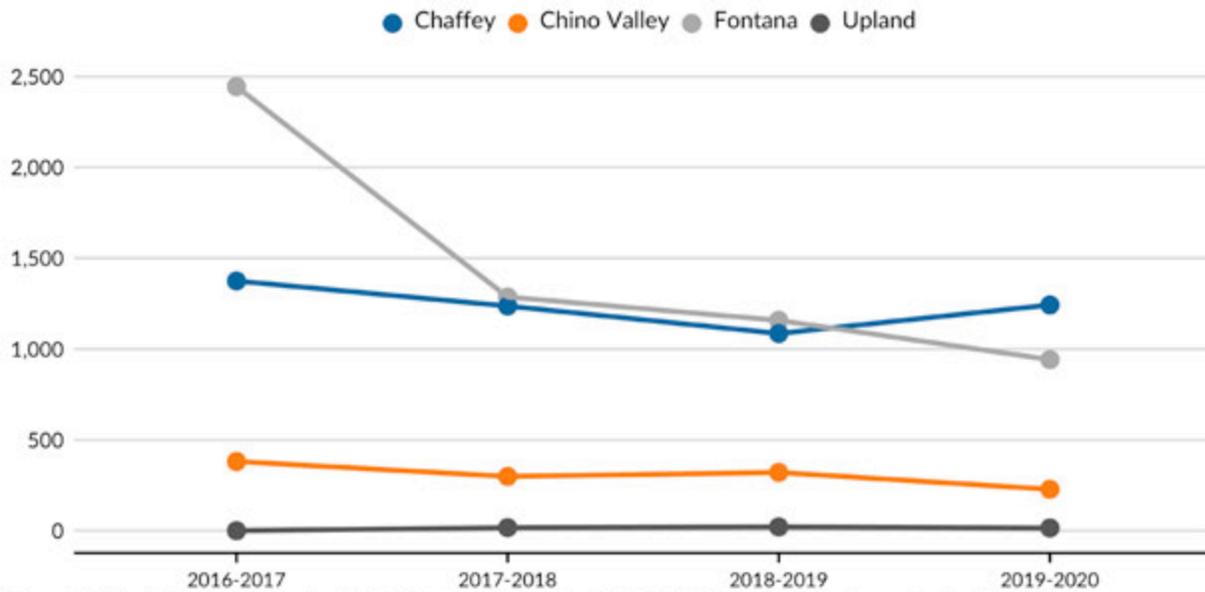
Agency	2016-2017	2017-2018	2018-2019	2019-2020	Change 2019-2020
Chaffey	3,340	3,271	3,121	2,793	-328 (-11%)
Chino Valley	1,786	1,704	1,878	1,801	-77 (-4%)
Fontana	2,517	2,137	2,170	2,108	-62 (-3%)
Upland	167	193	178	135	-43 (-24%)
<b>Total</b>	<b>7,810</b>	<b>7,305</b>	<b>7,347</b>	<b>6,837</b>	<b>-510 (-7%)</b>

## Trends in Program Enrollment

### Adult Basic / Secondary Education

Between the 2018-2019 and 2019-2020 academic years, enrollments in ABE/ASE programs declined at all four adult schools. Chino Valley showed the largest proportional decrease (29 percent, n = 93). Fontana saw the greatest numerical decrease with 216 students (19 percent), followed by Chaffey (157 percent, n = 117). Upland had a minimal decrease of 6 students (29 percent).

**Total Adult Basic / Secondary Education Outcomes Enrollees by Agency and Year**



Source: TOPSPro Enterprise. Enrollments reflect total unduplicated counts of students in CAEP with 1 or more hours of instructional contact time. Note: scales vary by agency.

Enrollment in Elementary and Basic Skills (ABE/ASE) by Year

Agency	2016-2017	2017-2018	2018-2019	2019-2020	Change 2019-2020
Chaffey	1,375	1,237	1,086	1,243	157 (14%)
Chino Valley	381	299	321	228	-93 (-29%)
Fontana	2,445	1,287	1,158	942	-216 (-19%)
Upland	0	17	21	15	-6 (-29%)
<b>Total</b>	<b>4,201</b>	<b>2,840</b>	<b>2,586</b>	<b>2,428</b>	<b>-158 (-6%)</b>

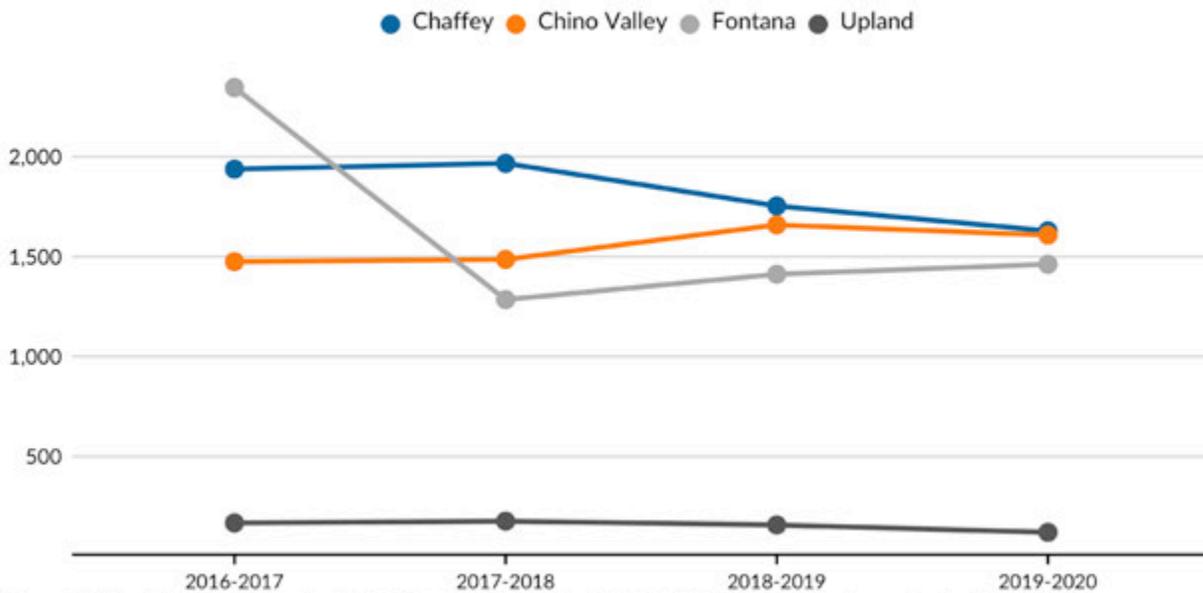
### English as a Second Language

English as a Second Language programs constitute between two-thirds to three-quarters of consortium enrollments annually. Despite a sharp decline between the 2016-2017 and 2017-2018 program years, enrollments in ESL have otherwise remained largely stable overall, though variations may be seen at the

agency level. Whereas Chino Valley and Fontana have trended upward, enrollments at Chaffey and Upland have steadily declined.

Following a slight upturn in enrollment in 2018-2019, in the following year they dropped slightly (3 percent, n = 163). Chaffey had the largest reduction in enrollment at 125 (7 percent), whereas Upland, comparatively, had the largest proportional decrease with a loss of 24 percent (n = 37) of its ESL students. Enrollment in ESL at Chino Valley also declined slightly (3 percent, n = 51). Conversely, Fontana’s ESL program expanded by about 4 percent (n = 50) in 2019-2020, the third year of consecutive growth for the program.

### Total English as a Second Language (ESL) Outcomes Enrollees by Agency and Year



Source: TOPSPRO Enterprise. Enrollments reflect total unduplicated counts of students in CAEP with 1 or more hours of instructional contact time. Note: scales vary by agency.

### Enrollment in English as a Second Language by Year

Agency	2016-2017	2017-2018	2018-2019	2019-2020	Change 2019-2020
<b>Chaffey</b>	1,938	1,967	1,754	1,629	-125 (-7%)
<b>Chino Valley</b>	1,475	1,486	1,659	1,608	-51 (-3%)
<b>Fontana</b>	2,346	1,285	1,412	1,462	50 (4%)
<b>Upland</b>	167	176	157	120	-37 (-24%)
<b>Total</b>	<b>5,926</b>	<b>4,914</b>	<b>4,982</b>	<b>4,819</b>	<b>-163 (-3%)</b>

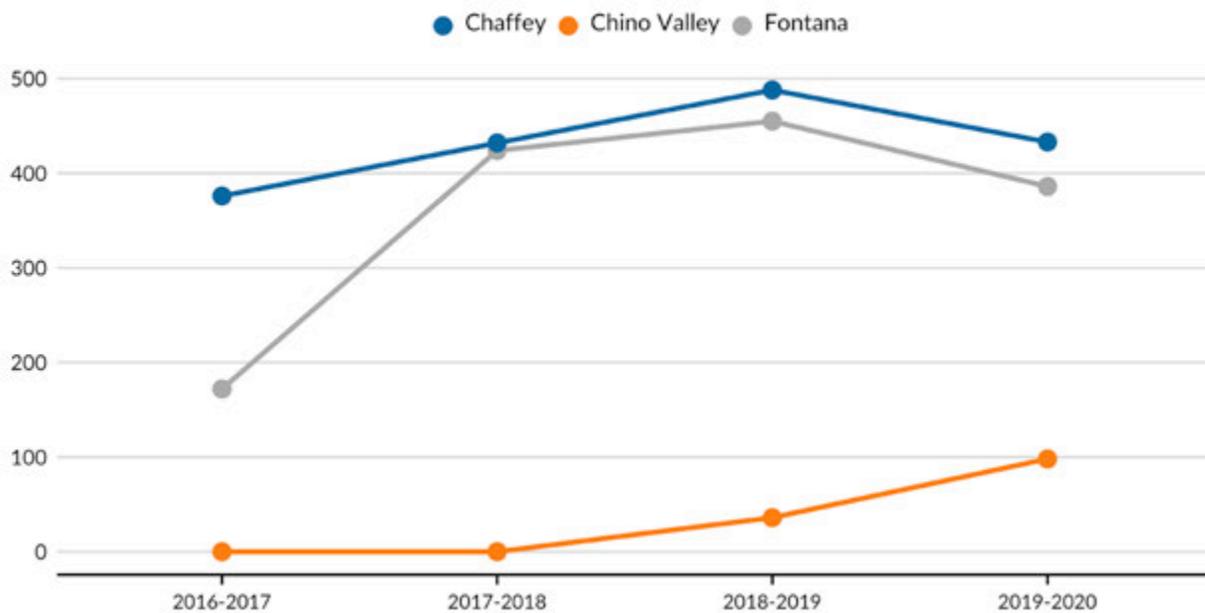
### Career and Technical Education

Career and Technical Education programs include short-term career training leading to industry valued credentials, certifications, or postsecondary study, as well as more general workforce preparation programs designed to facilitate transitions into employment or subsequent career training. While all

schools have reported enrollment in some form of CTE / Workforce Preparation, only three (Chaffey, Chino Valley, and Fontana) offer traditional CTE training. So as not to confound the data, enrollments in Workforce Preparation are not included in this analysis.

Despite a slight decline between 2018-2019 and 2019-2020, enrollments in CTE programs have trended upward, increasing by 67 percent (n = 369) between 2016-2017 and 2019-2020. Enrollment in CTE reached its peak both consortium- and agency-wide in 2018-2019 at 979 students. Ninety-three percent (96 percent, n = 943) were enrolled either at Chaffey (n = 488) or Fontana (n = 455). Enrollments in CTE declined somewhat in the following year at both agencies—11 percent (n = 55) at Chaffey and 15 percent (n = 69) at Fontana. Overall, Chino Valley saw the largest proportional growth, up from 36 students in 2018-2019 to 98 in 2019-2020, an increase of 172 percent (n = 62).

### Total Career & Technical Education (CTE) Outcomes Enrollees by Agency and Year



Source: TOPSPro Enterprise. Enrollments reflect total unduplicated counts of students in CAEP with 1 or more hours of instructional contact time.

Enrollments in Career and Technical Education by Year

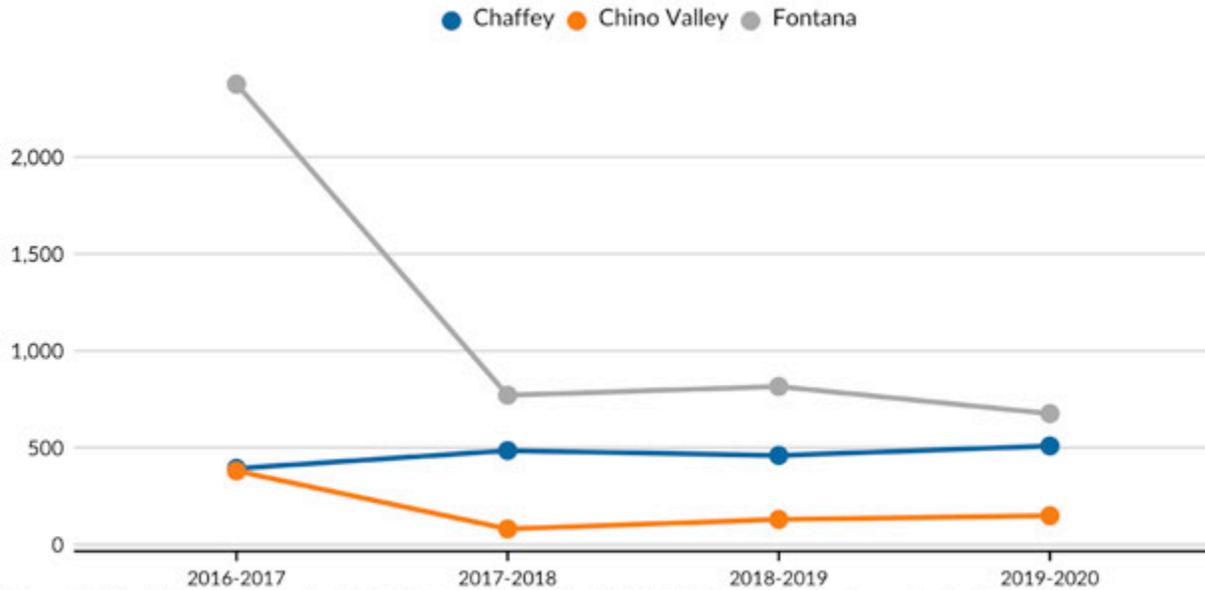
Agency	2016-2017	2017-2018	2018-2019	2019-2020	Change 2019-2020
Chaffey	376	432	488	433	-55 (-11%)
Chino Valley	0	0	36	98	62 (172%)
Fontana	172	424	455	386	-69 (-15%)
<b>Total</b>	<b>548</b>	<b>856</b>	<b>979</b>	<b>917</b>	<b>-62 (-6%)</b>

### Enrollment in Two or More Program Areas

Excluding the significant drop in enrollment at Fontana in 2016-2017 (most likely the result of dual-coded courses), the number of students enrolling in two more programs has remained steady. In the last

three program years, on average, more than 1,300 students per year have enrolled in more than one program area. At the agency level, Chino Valley experienced the largest proportional growth over the period, up from 81 students in 2017-2018 to 149 in 2019-2020, an 84 percent increase overall. Likewise, enrollments in multiple program areas has also increased at Chaffey, though to a lesser extent (5 percent, n = 24). In contrast, Fontana had 140 fewer students enrolled in multiple programs in 2019-2020 than in the previous year, a decline of 17 percent)

### Total Outcomes Enrollees in Two or More Programs by Agency and Year



Source: TOPSPRO Enterprise. Enrollments reflect total unduplicated counts of students in CAEP with 1 or more hours of instructional contact time. Note: scales may vary by agency.

Enrollments in Students in Two or more Programs by Year

Agency	2016-2017	2017-2018	2018-2019	2019-2020	Change 2019-2020
Chaffey	393	485	460	509	49 (11%)
Chino Valley	380	81	130	149	19 (15%)
Fontana	2,376	771	816	676	-140 (-17%)
<b>Total</b>	<b>3,149</b>	<b>1,337</b>	<b>1,435</b>	<b>1,334</b>	<b>-101 (-7%)</b>

# Program Effectiveness

## Student Academic Success

### Emergent Research Questions

This section compares performance between agencies and among similar adult education providers across the state. Questions that the data presented can help to address include:

- Are students succeeding at rates greater than or equal to state averages?
- How does student performance compare across member and related peer agencies?
- Are students earning diplomas and / or industry-valued certificates?

### Intended Outcomes

Agencies demonstrate improved capacity to evaluate consortium and member programs and make more informed decisions about how to allocate consortium resources.

### Data Highlights

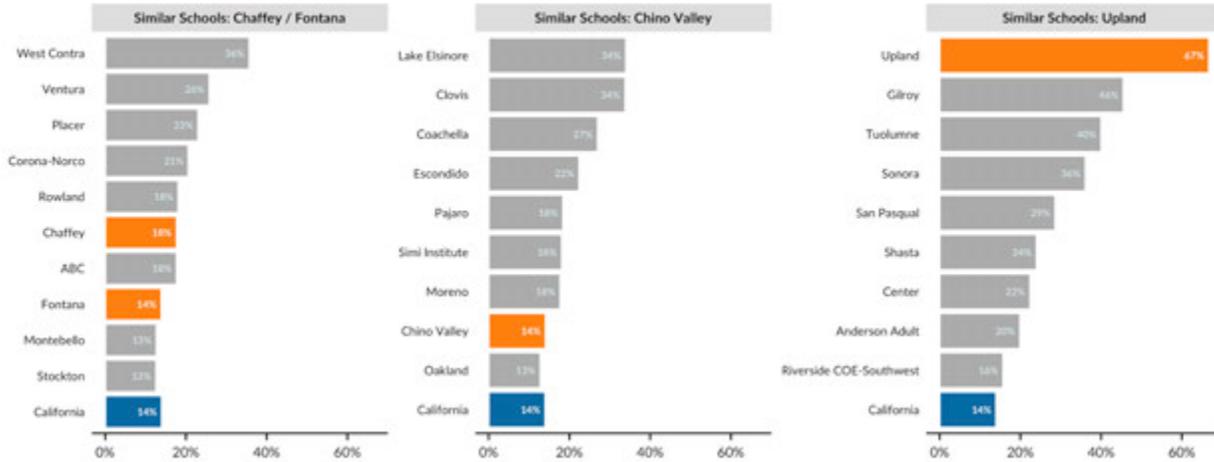
Data from each West End Corridor Consortium agency, as well as any agency with data available on LaunchBoard, were used in this analysis. Peer agencies were identified using unsupervised machine learning techniques based on program enrollment, student characteristics, and reported barriers. Data were scaled and evaluated for similarity / difference using Gower's Coefficient before using partitioning around medoids (PAM) to cluster agencies into groups. Since state agencies may vary in terms of programs offered, peers were identified relative to each of the measures evaluated. Likewise, to aid in readability, a representative sampling of peer agencies based on the smallest cluster returned by the analysis is presented for each measure. Key takeaways from the analysis may be found below.

### *Awards of High School Diplomas, GEDs, or their Equivalents*

Three out of four West End Consortium schools are achieving high school diplomas or their equivalents at rates at or above the state average of 14 percent. In 2018-2019, Chaffey awarded the most HSD/HSEs at 200 with an achievement rate of nearly 18 percent (17.7 percent). Fontana awarded 182 HSD/HSEs in the same year, meeting the state achievement rate average (13.9 percent), as did Chino Valley (14.1 percent, n = 44). Upland awarded 12 HSD/HSEs at a rate of nearly 67 percent (66.7 percent). Notably, relatively strong achievement rates notwithstanding, all but Upland performed at or below average relative to their peer groups.

### Participants Who Earned a Diploma, GED, or High School Equivalency

While West End Consortium students are achieving high school diplomas or their equivalents at rates at or above state average, all but Upland are performing at or below average relative to the



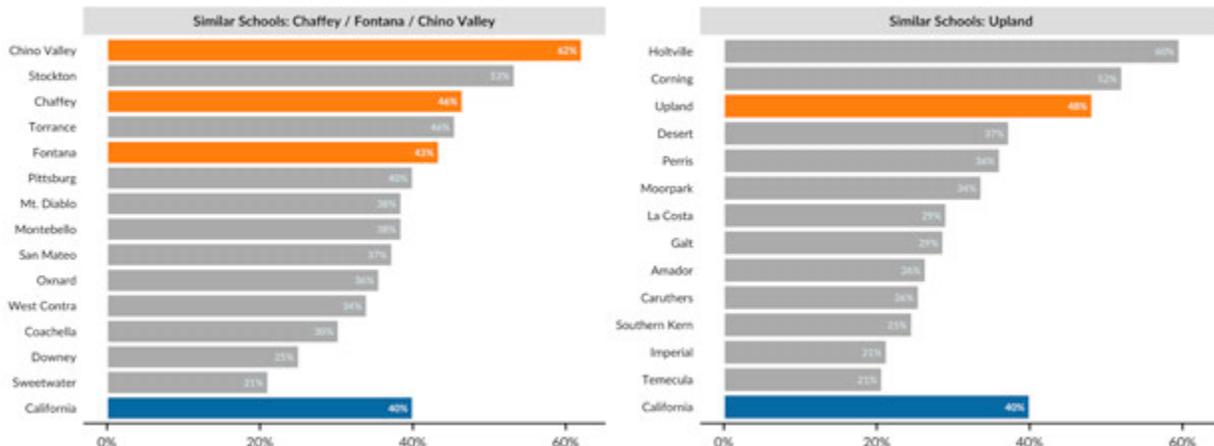
Source: LaunchBoard California Adult Education Pipeline, 2018-19. Achievement is defined as the number of ASE participants who earned a diploma or high school equivalency in the given year.

### Educational Functioning Level Gains

West End Corridor Consortium adult schools are at the top of their peer groups in Educational Functioning Level (EFL) achievement. Chino Valley ranks highest among its peers with a rate of 62 percent (n = 1,133). Chaffey, Fontana, and Upland each showed EFL rates above the 40 percent state average (46.5 percent, 1,424; 43.4 percent, n = 946; and 48.2 percent, n = 94, respectively).

### Completed One or More Educational Functional Levels

Among member agencies exceeding state averages, Chino Valley outpaced its peers and much of the state in EFL gains



Source: LaunchBoard California Adult Education Pipeline, 2018-19. Metric is defined as the unduplicated number of post-tested participants in ABE, ASE, or ESL who improved skills by one or more Educational Functioning Levels in a given year.

# Student Transitions

## Emergent Research Questions

This section compares performance across agencies and among similar adult education providers across the state with regard to student transitions. Questions that the data presented can help to address include:

- To what extent are students moving through the education and training “pipeline”?
- Are students making adequate progress through programs / transitioning into others?
- Are students successfully transitioning into postsecondary study?

## Intended Outcomes

- Members have a better understanding of student momentum through programs and related factors impacting student progress and transition
- The consortium improves its capacity to design and implement targeted interventions to increase persistence and transition rates

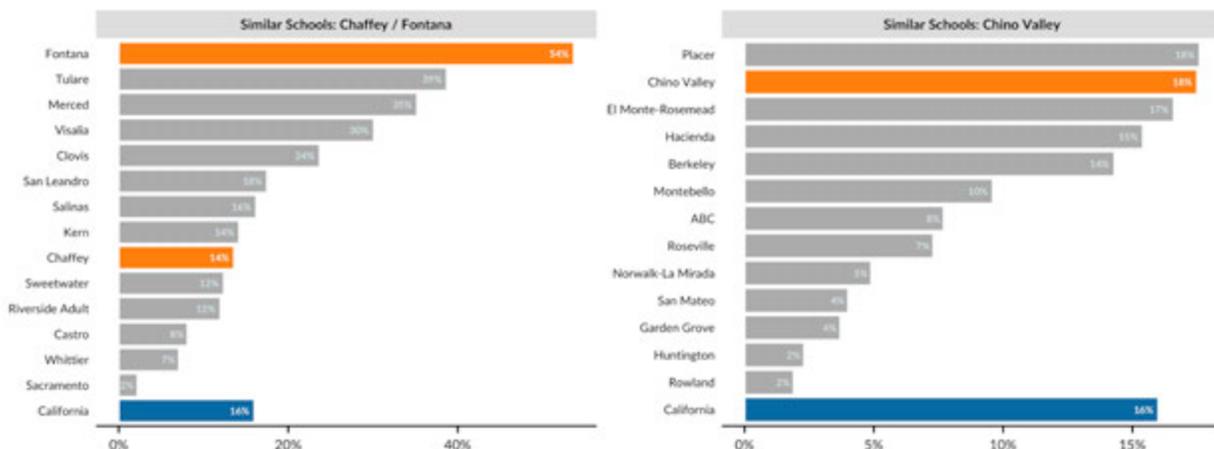
## Data Highlights

### Transitions into Adult Secondary Education

In 2017-2018, over half (53.7 percent, n = 1,154) of ABE or ESL students at Fontana transitioned into Adult Secondary Education. Fontana’s 54 percent transition rate is over three times higher than the state average. Likewise, both Fontana and Chino Valley (17.5 percent, n = 300) are at the top of their peer groups. With a transition rate of about 14 percent (13.6 percent, n = 291), Chaffey performed about average for its peer group, though still below the state average of 16 percent.

### Transitioned to ASE

Fontana is at the top of its peer group in transitions into ASE with a rate over three times greater than the nearest West End Consortium agency and the state average



Source: LaunchBoard California Adult Education Pipeline, 2017-18. Transition defined as the number of ESL or ABE participants who subsequently enrolled in 12 or more instructional contact hours in an ASE program area within the same or subsequent year for the first time ever at any institution. Note: scales vary between figures.

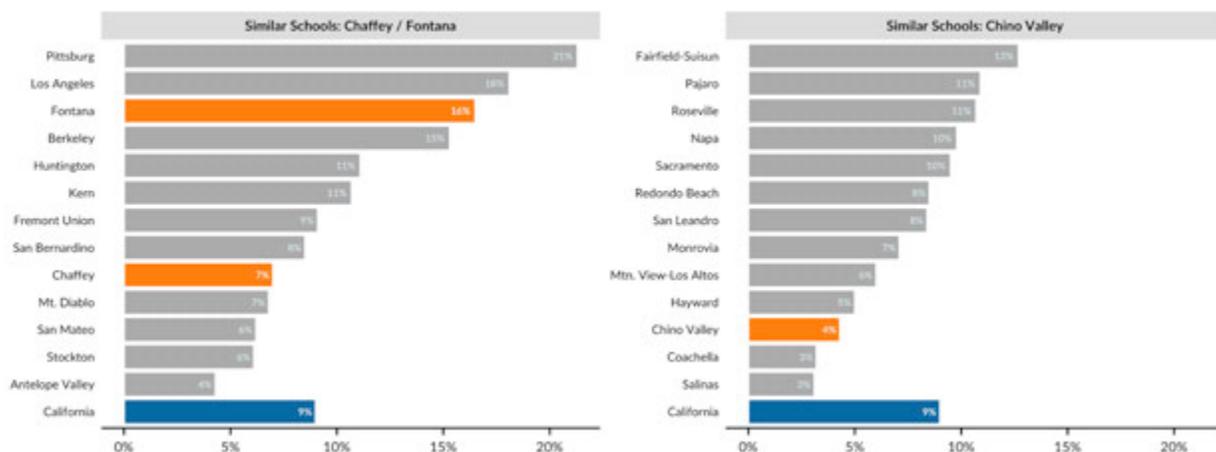
### Transitions into Postsecondary or Career and Technical Education

Among ABE, ASE, and ESL students, Fontana transitioned 359 students (16.5 percent) into CTE or post-secondary courses, and at a rate 7.5 percentage points higher than the 9 percent average for the state. Conversely, Chaffey showed rates slightly lower than the state average (7 percent, n = 213), as did Chino Valley (4 percent, n = 78).

**Note:** As of the time of reporting, the title and data for this measure no longer match the data presented here. It would appear based on the change in title that transition to CTE may no longer be included; however, this has yet to be verified.

#### Transitioned to Postsecondary or CTE Pathway

Fontana is transitioning students into Postsecondary or CTE at the top of its peer group, whereas partner agencies Chaffey and Chino Valley are performing below state average

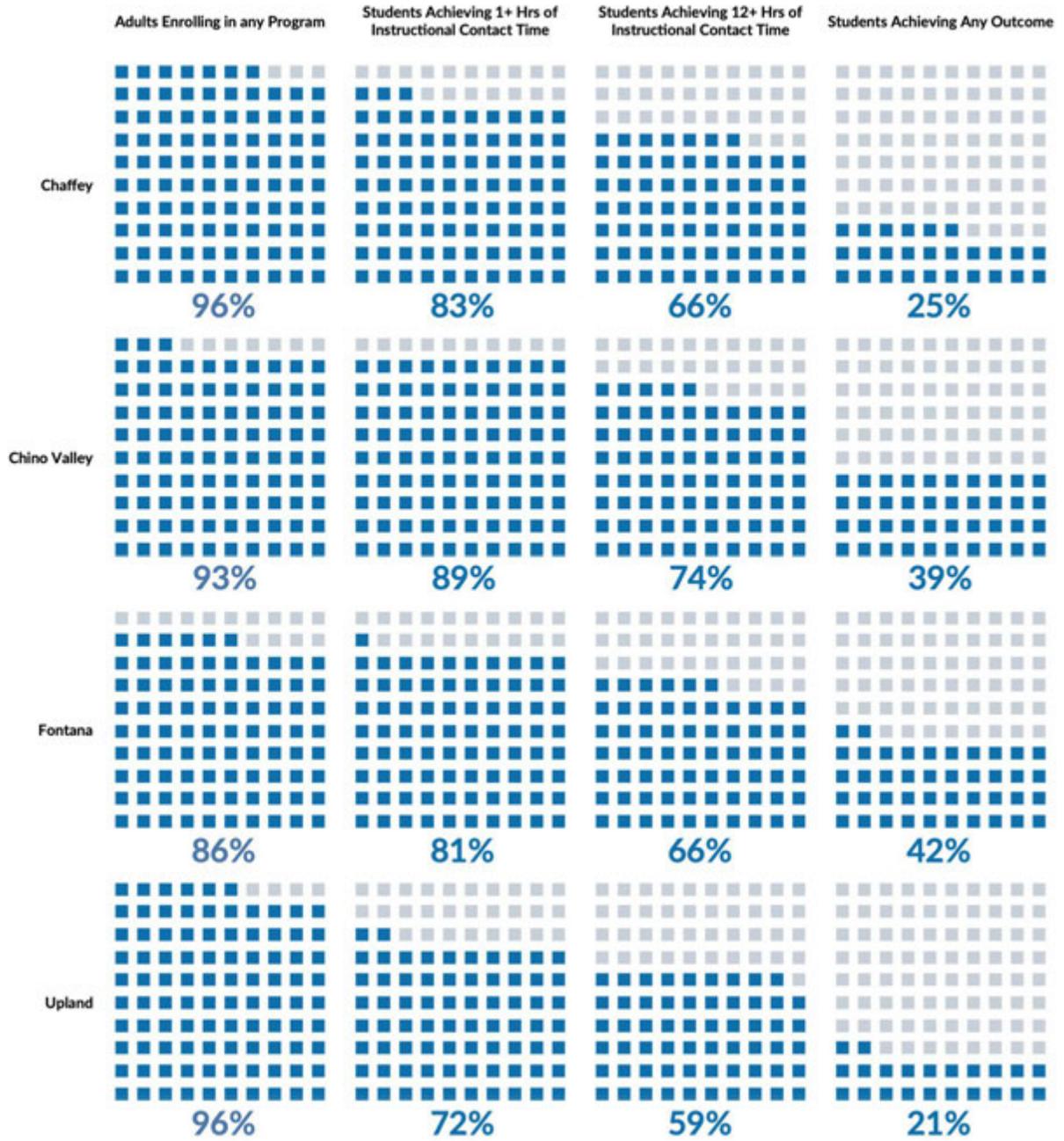


Source: LaunchBoard California Adult Education Pipeline, 2017-18. Transition defined as the number of ESL, ABE, or ASE Participants enrolling in either a K12 adult education or community college noncredit or credit CTE course, or a non-developmental credit college course for the first time at any institution within the current or subsequent year.

### Student Progress and Persistence

There are various ways to measure persistence and retention. The figure below presents a view highlighting persistence and attrition relative to the moment adult learners matriculate into each WECC adult school, through to the achievement of any CAEP outcome. In the 2019-2020 program year, Chino Valley and Fontana had the highest percentage of matriculating adults achieving CAEP outcomes (39 percent, n = 950; 42 percent, n = 1,343). Chaffey and Upland show the lowest persistence rates among agencies (25 percent, n = 1,068; 21 percent, n = 49). While performance has varied among agencies over the past four years, notably, Fontana has seen continued growth in the percentage of adults moving through the pipeline, from 25 percent (n = 962) in 2016-2017 to 42 percent in 2019-2020. Additional detail may be found in the figure and table below.

### Persistence Rates by Adult Education Momentum Points



### Student Progress and Persistence by Agency and Year

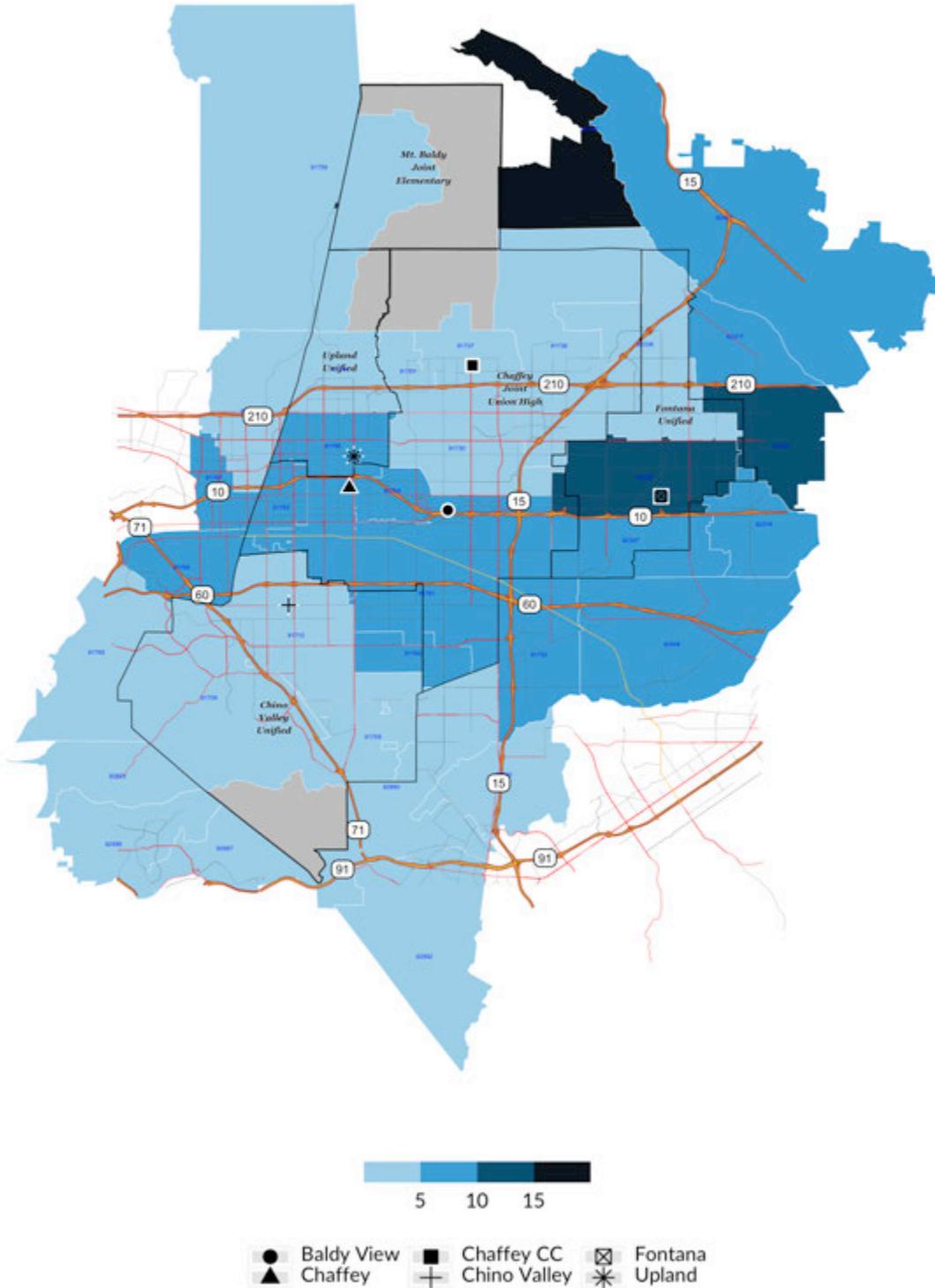
Agency Short	Program Year	Total Adults		Adults Enrolling in any Program		Students Achieving 1+ Hrs of Instructional Contact Time		Students Achieving 12+ Hrs of Instructional Contact Time		Students Achieving Any Outcome	
		Count	Persistence / Achievement Rate	Count	Persistence / Achievement Rate	Count	Persistence / Achievement Rate	Count	Persistence / Achievement Rate	Count	Persistence / Achievement Rate
Chaffey	2016-2017	6,881	100	4,975	72	3,913	57	3,340	49	2,894	42
	2017-2018	5,886	100	4,534	77	3,929	67	3,271	56	1,662	28
	2018-2019	5,133	100	4,444	87	3,738	73	3,121	61	1,189	23
	2019-2020	4,215	100	4,054	96	3,491	83	2,793	66	1,068	25
Chino Valley	2016-2017	2,829	100	2,500	88	2,070	73	1,786	63	942	33
	2017-2018	2,547	100	2,445	96	2,123	83	1,704	67	248	10
	2018-2019	2,502	100	2,380	95	2,201	88	1,878	75	611	24
	2019-2020	2,418	100	2,238	93	2,162	89	1,801	74	950	39
Fontana	2016-2017	3,884	100	3,602	93	3,182	82	2,517	65	962	25
	2017-2018	4,009	100	3,305	82	2,804	70	2,137	53	1,499	37
	2018-2019	3,176	100	2,960	93	2,640	83	2,170	68	1,178	37
	2019-2020	3,217	100	2,754	86	2,592	81	2,108	66	1,343	42
Upland	2016-2017	205	100	199	97	181	88	167	81	0	0
	2017-2018	235	100	234	100	217	92	193	82	211	90
	2018-2019	245	100	229	93	198	81	178	73	60	24
	2019-2020	229	100	219	96	164	72	135	59	49	21

### Access and Equity

The figures that follow highlight regional gaps related to technology and internet access within the West End Corridor Consortium region. Earlier versions were discussed and shared with member agencies during regular meetings and via email. The figures below are of a higher resolution, more detailed, and are provided here for reference and dissemination.

# Percent of Households with Smartphones and No Other Type of Computing Device

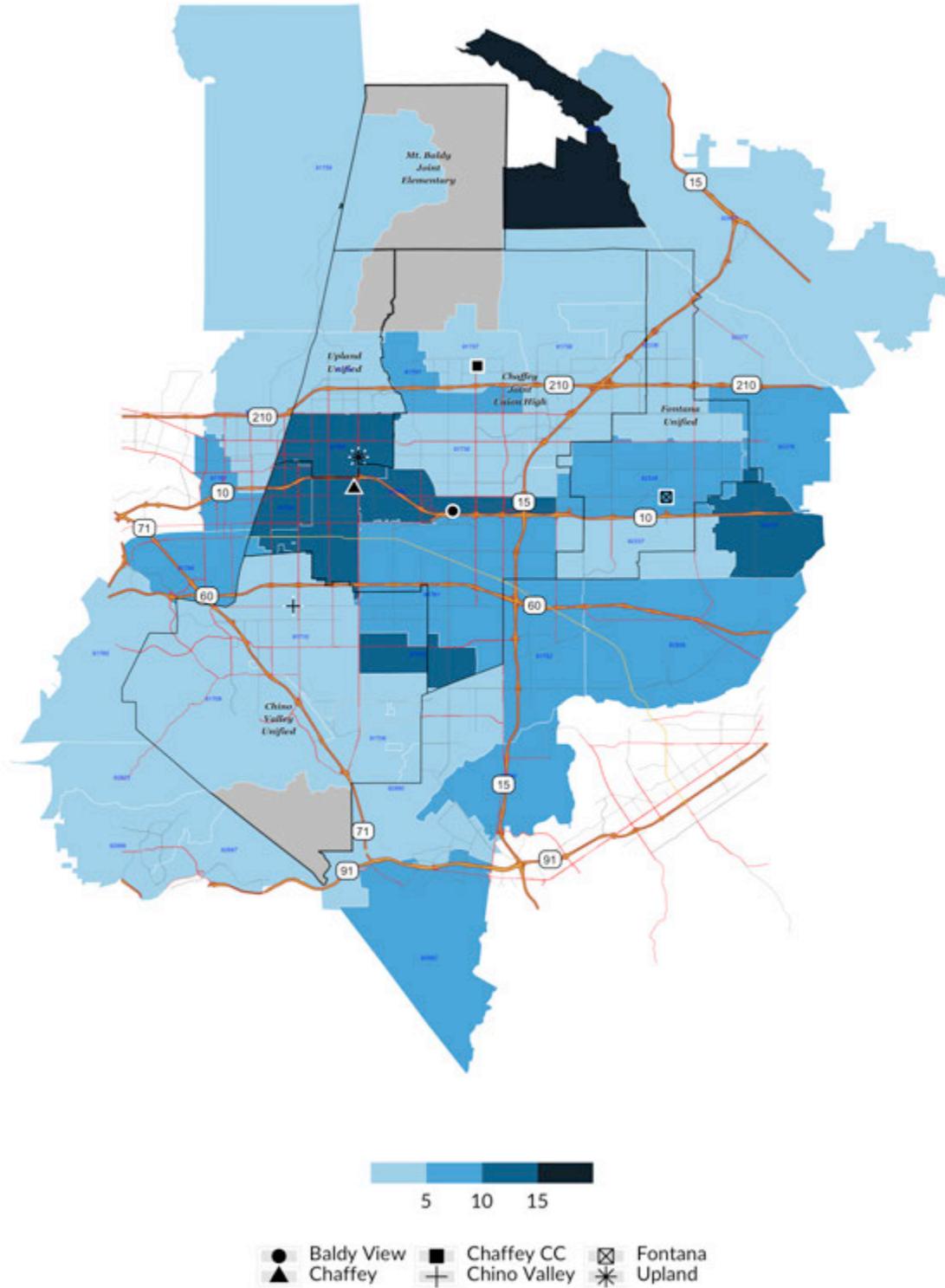
By Zip Code Tabulation Area for the West End Corridor Consortium Region



Source: American Community Survey 5-Year Estimates, 2014-2018

# Percent of Households without A Computer

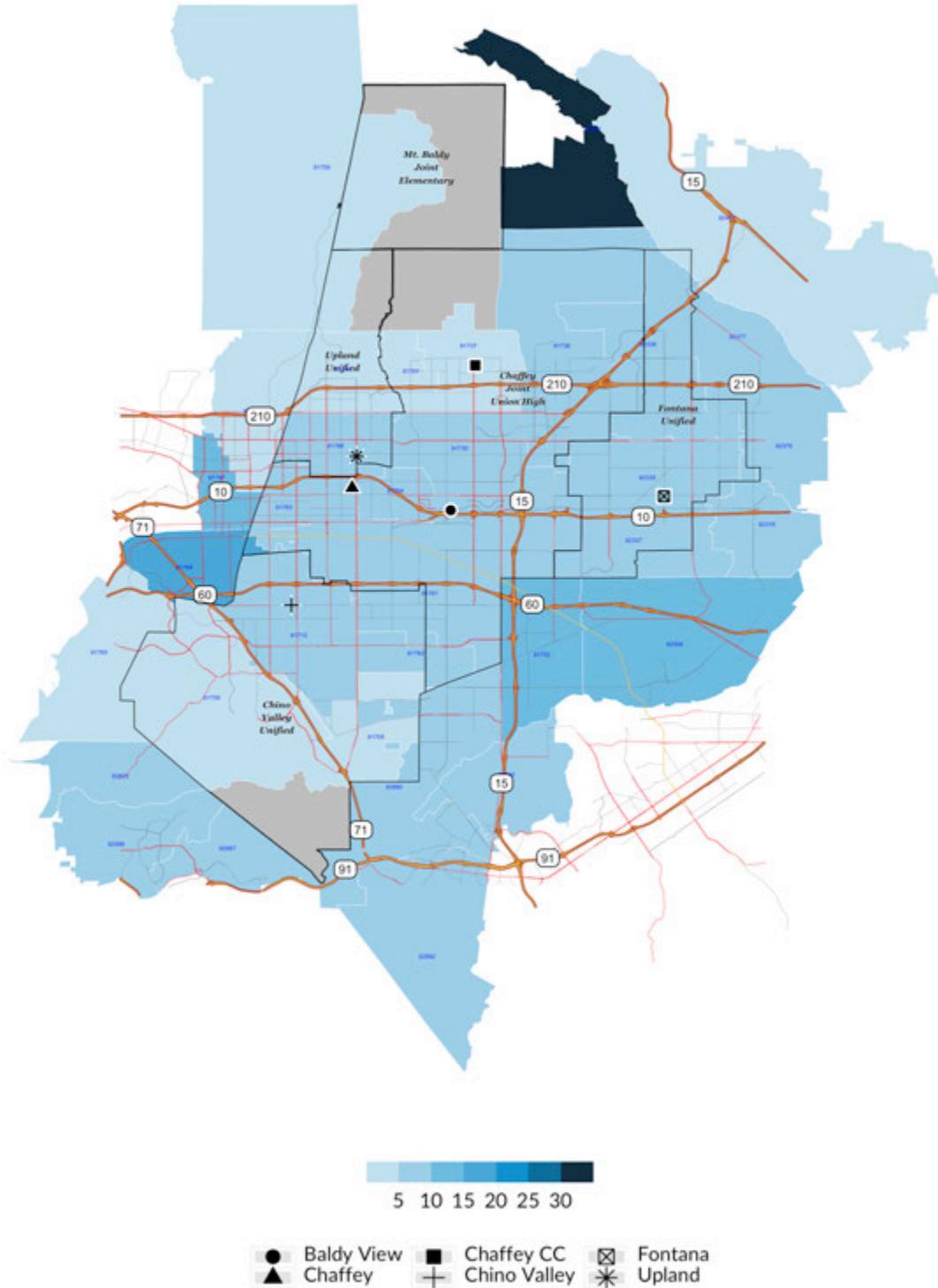
By Zip Code Tabulation Area for the West End Corridor Consortium Region



Source: American Community Survey 5-Year Estimates, 2014-2018

# Percent of Households with Cellular Data and No Other Internet Subscription

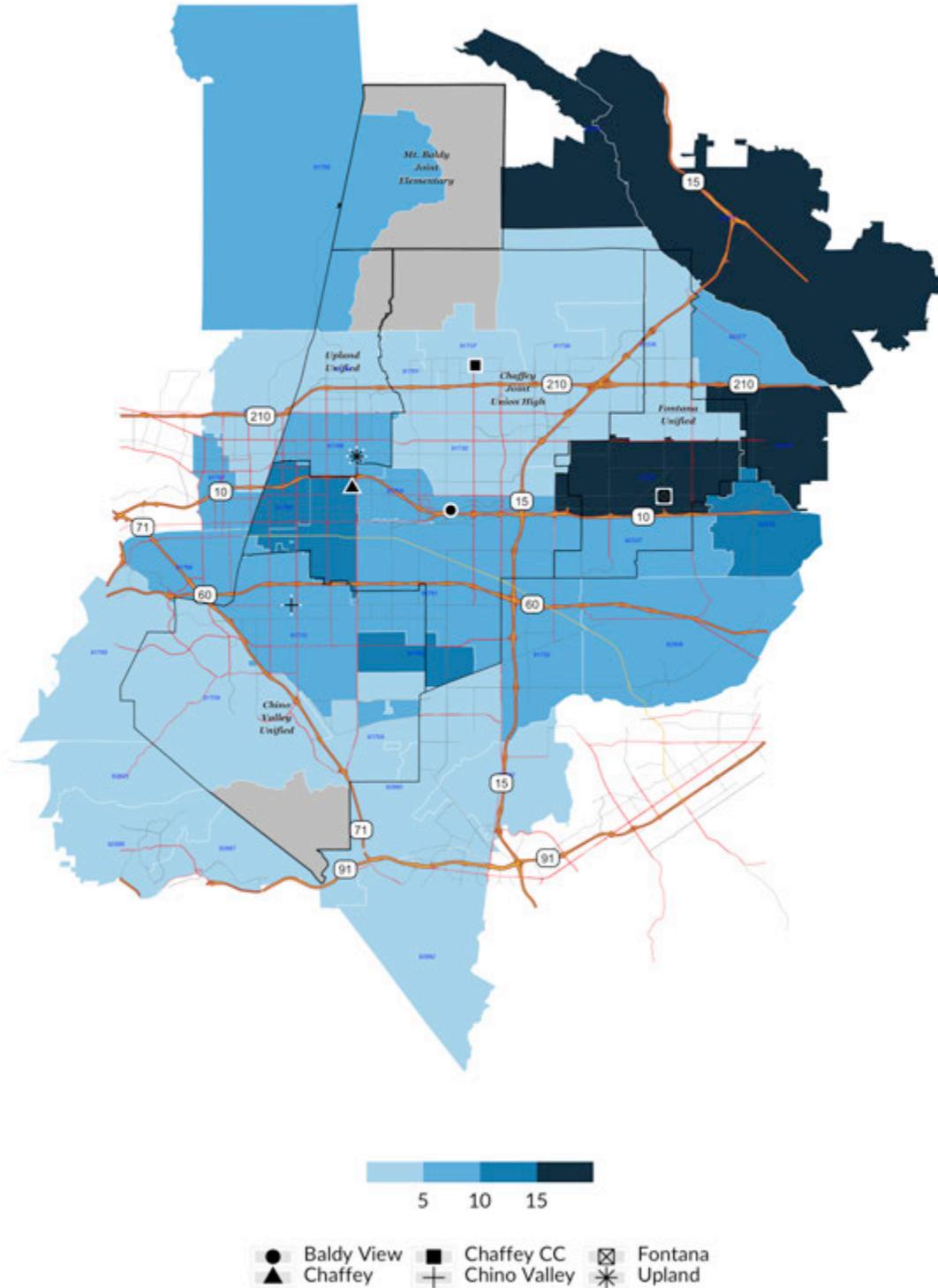
By Zip Code Tabulation Area for the West End Corridor Consortium Region



Source: American Community Survey 5-Year Estimates, 2014-2018

# Percent of Households with a Computer and No Internet Subscription

By Zip Code Tabulation Area for the West End Corridor Consortium Region



Source: American Community Survey 5-Year Estimates, 2014-2018