First Five Lake County Equity Index 2023

A ROADMAP FOR IMPROVING SYSTEMS TO SUPPORT FAMILIES WITH YOUNG CHILDREN

Report

FIRST 5 LAKE COUNTY

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Method

Raw data was collected for the seven requested indicators that semi-align with First 5 Mendocino's Targeted Universalism Strategic Framework.[1] This framework uses both quantitative and qualitative data to inform policies and strategies to target community-specific indicators of success and improvement. Extra support is given to those school districts (in this case) who are furthest behind or have the highest predictors of inequitable outcomes.

The indicators collected here, arranged into three sub-composite groupings in Table 1, are:

Table 1: First 5 Lake County Equity Index	
Sub-Composite	**Indicators**
Optimize children's health and development	Strong Start Index score, which uses information collected at birth from every child in California that includes factors, such as healthy birth weight, parental education level, and ability to afford and access health care[2]
	Percent of Kindergarteners with all required immunizations
	Percent of students identified as English Learners (EL)
Improve access to quality early learning and care	Percent of students not meeting 3rd grade ELA standards.
	Percent of students identifying as different race / ethnicities within each school, based on Census Day enrollment numbers.
Increase family resilience	Percent of foster youth
	Percent of homeless students

[1] https://first5mendocino.org/first5-flipbook/

[2] Strong Start Index – Because every child deserves a strong start

A sub-composite score was calculated for each indicator based on a 1 to 4 score with higher scores being "better" or indicating a lower need for resource investment. A total Equity Index Score was calculated for each of the five school districts in Lake County by averaging the districts' sub-composite scores. Scores for each indicator for each district are based on comparisons against the California state average for each metric and the Lake County average. A multi-year average (4, 5, 6, or 7 years, depending on the available data) was used to calculate each district indicator metric as demonstrated in the Appendix, along with multi-year data for each district.

Limitations

Because the scoring methodology used in Mendocino's Strategic Framework was not available, the Lake County Equity Index is not comparable. Further, per the client's request, two of Mendocino's indicators were omitted, and one indicator was added, and one of Mendocino's sub-composites was completely omitted.

Comparing to State Average and County Average

Table 2: Scores by district for each indicator with county and state averages							
	Kelseyville	**Konocti**	**Upper Lake**	**Lakeport**	**Middletown**	**Lake County**	**CA State**
Strong Start Index score	8.5	7.6	7.8	8.3	9.2	8.1	9.2
% Kindergarteners w/ vaccines	94.2	94.0	86.0	93.0	89.1	93.3	94.5
% English Learners	14.6	21.6	4.8	8.7	5.8	13.6	19.5
% 3rd Graders not meeting standards	42.9	81.5	61.8	68.9	59.4	71.9	55.5
% Non-White students	53.8	61.1	47.7	54.0	39.8	52.9	77.2
% Students in foster care	0.6	0.3	0.8	0.4	0.2	0.6^	0.7^
% Homeless students	2.4	5.0	4.2	4.8	4.6	4.5^	3.7^

^ 2021 measure only

Table 3: Scale scores assigned to each indicator based on performance against county and state averages			
Markedly worse than county average- More resources required Score = 1	Worse than county average – More resources required Score = 2	At or better than county average – Fewer resources required Score = 3	At or better than state average – Fewer resources required Score = 4

Final Equity Index Scores

Based on the aggregated data found in the appendix used to calculate mean indicator scores (Table 2) and assigned a 1 to 4 scale score (Table 3), the following Equity Index Scores emerge for each district.

Table 4: First 5 Lake County Equity Index			
	Sub-Composite	**Sub-Composite Score***	**Total Equity Index Score****
Kelseyville Unified	Optimize children's health and development	2.66	3.14
	Improve access to quality early learning and care	3.5	
	Increase family resilience	3.5	
Konocti Unified	Optimize children's health and development	2.33	1.85
	Improve access to quality early learning and care	1.0	
	Increase family resilience	2.5	
Upper Lake Unified	Optimize children's health and development	2.33	2.57
	Improve access to quality early learning and care	3	
	Increase family resilience	2.5	
Lakeport Unified	Optimize children's health and development	3.0	2.71
	Improve access to quality early learning and care	2.5	
	Increase family resilience	2.5	
Middletown Unified	Optimize children's health and development	3.33	3.14
	Improve access to quality early learning and care	3.5	
	Increase family resilience	2.5	

Appendix

District Level Data

Kelseyville Unified					
Optimize Children's Health and Learning					
Strong Start Index					
2017	**2018**	**2019**	**2020**	**2021**	**5-year Mean**
8.4	8.4	8.7	8.4	8.5	8.48
Percentage (%) of Kindergarteners with all required immunizations					
2017	**2018**	**2019**	**2020**	**2021**	**4-year Mean***
94.1	95	93.2	94.2	Suppressed	94.2
Percentage (%) of Students identified as English Learners					
2017	**2018**	**2019**	**2020**	**2021**	**5-year Mean***
15	15.6	14.8	14.4	13.4	14.6

Improve Access to Quality Learning and Care							
Percentage (%) of 3rd Graders not meeting ELA standards							
2016	**2017**	**2018**	**2019**	**2020**	**2021**	**2022**	**5-year Mean***
89	70.3	58.5	71.8	Unavailable	Suppressed	75	72.9

Percentage (%) of Students identifying as different race (any race/ethnicity but "white and "not reported)								
	2017	**2018**	**2019**	**2020**	**2021**	**2022**	**2023**	**5-year Mean (2019-2023)**
# Students	1724	1702	1705	1741	1745	1849	1833	53.8
# Diff Race	885	857	903	917	941	1000	1012	
% Diff Race	51.3	50.4	53	52.7	54	54.1	55.2	

Increase Family Resilience							
Number of students in foster care							
	2017	**2018**	**2019**	**2020**	**2021**	**2022**	**6-year Mean*^**
# Students	23	23	23	13	17	4	17.2
% Foster Care	0.9	0.7	0.9	0.5	0.6	0.2	0.6

Percentage (%) of Homeless Students								
	2017	**2018**	**2019**	**2020**	**2021**	**2022**	**2023**	**7-year Mean^**
# Students	1724	1702	1705	1741	1745	1849	1833	2.4
# Homeless	12	22	39	38	12	90	87	
% Homeless	0.7	1.3	2.3	2.2	0.7	4.9	4.7	

* Percentage means calculated on percentages
^ Wider sample used (more than 5 years) because of small numbers
Data are suppressed if fewer than 11 cases
Some data unavailable in 2020 (COVID)

Konocti Unified					
Optimize Children's Health and Learning					
Strong Start Index					
2017	**2018**	**2019**	**2020**	**2021**	**5-year Mean**
7.7	7.7	7.6	7.5	7.7	7.6
Percentage (%) of Kindergarteners with all required immunizations					
2017	**2018**	**2019**	**2020**	**2021**	**4-year Mean***
93.3	95	Suppressed	95	92.7	94
Percentage (%) of Students identified as English Learners					
2017	**2018**	**2019**	**2020**	**2021**	**5-year Mean***
21.3	22.8	21.7	20.6	21.8	21.6

Improve Access to Quality Learning and Care						
Percentage (%) of 3rd Graders not meeting ELA standards						
2017	**2018**	**2019**	**2020**	**2021**	**2022**	**5-year Mean***
84.2	78.4	75.1	Unavailable	85.5	84.5	81.5

Percentage (%) of Students identifying as different race (any race/ethnicity but "white and "not reported)								
	2017	**2018**	**2019**	**2020**	**2021**	**2022**	**2023**	**5-year Mean (2019-2023)**
# Students	3365	3489	3575	3716	3603	3763	3816	61.1
# Diff Race	1852	2015	2117	2212	2211	2320	2420	
% Diff Race	55	57.8	59.2	59.5	61.4	61.7	63.4	

Increase Family Resilience							
Number of students in foster care							
	2017	**2018**	**2019**	**2020**	**2021**	**2022**	**6-year Mean*^**
# Students	22	29	14	24	23	15	21.2
% Foster Care	0.3	0.2	0.3	0.3	0.3	0.4	0.3

Percentage (%) of Homeless Students								
	2017	**2018**	**2019**	**2020**	**2021**	**2022**	**2023**	**7-year Mean^**
# Students	3365	3489	3575	3716	3603	3763	3816	5
# Homeless	153	167	266	222	212	81	169	
% Homeless	4.5	4.8	7.4	6	5.9	2.2	4.4	

* Percentage means calculated on percentages
^ Wider sample used (more than 5 years) because of small numbers
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Lakeport Unified					
Optimize Children's Health and Learning					
Strong Start Index					
2017	**2018**	**2019**	**2020**	**2021**	**5-year Mean**
8.2	8.5	7.9	8.4	8.3	8.3
Percentage (%) of Kindergarteners with all required immunizations					
2017	**2018**	**2019**	**2020**	**2021**	**4-year Mean***
94.4	95	Suppressed	91.9	90.5	93
Percentage (%) of Students identified as English Learners					
2017	**2018**	**2019**	**2020**	**2021**	**5-year Mean***
8.1	7.6	8.3	9.1	10.4	8.7

Improve Access to Quality Learning and Care						
Percentage (%) of 3rd Graders not meeting ELA standards						
2017	**2018**	**2019**	**2020**	**2021**	**2022**	**5-year Mean***
55.5	59	81.5	Unavailable	74.5	73.9	68.9

Percentage (%) of Students identifying as different race (any race/ethnicity but "white and "not reported)								
	2017	**2018**	**2019**	**2020**	**2021**	**2022**	**2023**	**5-year Mean (2019-2023)**
# Students	1534	1509	1472	1444	1388	1386	1349	54
# Diff Race	744	719	726	751	764	785	774	
% Diff Race	48.5	47.6	49.3	52	55	56.6	57.4	

Increase Family Resilience							
Number of students in foster care							
	2017	**2018**	**2019**	**2020**	**2021**	**2022**	**6-year Mean*^**
# Students	12	13	18	11	11	8	12.2
% Foster Care	0.5	0.1	0.6	0.3	0.4	0.6	0.4

Percentage (%) of Homeless Students								
	2017	**2018**	**2019**	**2020**	**2021**	**2022**	**2023**	**7-year Mean^**
# Students	1534	1509	1472	1444	1388	1386	1349	4.8
# Homeless	38	76	59	77	119	48	68	
% Homeless	2.5	5	4	5.3	8.6	3.5	5	

* Percentage means calculated on percentages
^ Wider sample used (more than 5 years) because of small numbers
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Middletown Unified					
Optimize Children's Health and Learning					
Strong Start Index					
2017	**2018**	**2019**	**2020**	**2021**	**5-year Mean**
9.2	9.4	8.4	9.4	9.4	9.2
Percentage (%) of Kindergarteners with all required immunizations					
2017	**2018**	**2019**	**2020**	**2021**	**2-year Mean***
86.2	91.9	Suppressed	Suppressed	Suppressed	89.1
Percentage (%) of Students identified as English Learners					
2017	**2018**	**2019**	**2020**	**2021**	**5-year Mean***
6.8	5.5	5.5	5.4	5.6	5.8

Improve Access to Quality Learning and Care						
Percentage (%) of 3rd Graders not meeting ELA standards						
2017	**2018**	**2019**	**2020**	**2021**	**2022**	**5-year Mean***
63.6	52.2	52.5	Unavailable	67.1	61.8	59.4

Percentage (%) of Students identifying as different race (any race/ethnicity but "white and "not reported)								
	2017	**2018**	**2019**	**2020**	**2021**	**2022**	**2023**	**5-year Mean (2019-2023)**
# Students	1680	1712	1747	1773	1655	1705	1678	39.8
# Diff Race	528	572	596	633	615	867	698	
% Diff Race	31.4	33.4	34.1	36	37.2	51	41.6	

Increase Family Resilience							
Number of students in foster care							
	2017	**2018**	**2019**	**2020**	**2021**	**2022**	**6-year Mean*^**
# Students	3	7	3	8	9	6	6.7
% Foster Care	0.1	0.1	0.1	0.3	0.4	0.4	0.2

Percentage (%) of Homeless Students								
	2017	**2018**	**2019**	**2020**	**2021**	**2022**	**2023**	**7-year Mean^**
# Students	1680	1712	1747	1773	1655	1705	1678	4.6
# Homeless	232	58	53	56	48	30	74	
% Homeless	13.8	3.4	3	3.2	2.9	1.8	4.4	

* Percentage means calculated on percentages
^ Wider sample used (more than 5 years) because of small numbers
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Upper Lake Unified					
Optimize Children's Health and Learning					
Strong Start Index					
2017	**2018**	**2019**	**2020**	**2021**	**5-year Mean**
7.8	7.7	8.2	7.5	7.8	7.8
Percentage (%) of Kindergarteners with all required immunizations					
2017	**2018**	**2019**	**2020**	**2021**	**4-year Mean***
92.1	91.7	81.1	78.9	Unavailable	86
Percentage (%) of Students identified as English Learners					
2017	**2018**	**2019**	**2020**	**2021**	**5-year Mean***
5.8	4.4	5	5.1	4.2	4.8

Improve Access to Quality Learning and Care						
Percentage (%) of 3rd Graders not meeting ELA standards						
2017	**2018**	**2019**	**2020**	**2021**	**2022**	**5-year Mean***
67.2	55.9	38.1	Unavailable	71.4	76.3	61.8

Percentage (%) of Students identifying as different race (any race/ethnicity but "white and "not reported)								
	2017	**2018**	**2019**	**2020**	**2021**	**2022**	**2023**	**5-year Mean (2019-2023)**
# Students	834	8.38	855	844	852	906	891	47.7
# Diff Race	392	396	402	402	399	432	438	
% Diff Race	47	47.3	47	47.6	46.8	47.7	48.7	

Increase Family Resilience							
Number of students in foster care							
	2017	**2018**	**2019**	**2020**	**2021**	**2022**	**6-year Mean*^**
# Students	14	8	13	11	10	6	10.3
% Foster Care	0.5	0.5	1.2	1.1	0.6	0.7	0.8

Percentage (%) of Homeless Students								
	2017	**2018**	**2019**	**2020**	**2021**	**2022**	**2023**	**7-year Mean^**
# Students	778	808	835	814	825	846	873	4.2
# Homeless	56	30	20	30	27	60	18	
% Homeless	7.2	3.7	2.4	3.7	3.3	7.1	2.1	

* Percentage means calculated on percentages
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