



## Los Angeles County Perinatal and Early Childhood Home Visitation Consortium Program Benchmark Data Comparison Charts Depression Screening

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The Los Angeles County Perinatal and Early Childhood Home Visitation Consortium Program (LACPECHVC) was created in an effort to promote common performance measures across a variety of home visiting programs in a state or region. As part of the Pew Charitable Trusts' Home Visiting Data for Performance Initiative, the Consortium's Data Workgroup Participants have selected a set of outcome and process measures that were intended to:

- Be universally applicable across models and programs (with the expectation of prenatal or postnatal enrollment)
- Be achievable by the program rather than aspirational or heavily dependent on the performance of others
- Resonate with policymakers and the engaged public
- Reflect an important policy goal worthy of public investment
- Incorporate available state administrative data

The Consortium Members' goals in collecting aggregate data were to:

- Identify commonality among programs (*both outcome and process*)
- Explain what home visiting does across the County
- Identify areas of strength and opportunities for improvement

Additionally, members agreed to aggregate data at the "model" level, rather than at the organizational level as it is important to recognize that each home visiting program varies in approach, dosage, and program goals. Below is a list of home visiting models that provided data in reference to depression screening:

- Welcome Baby (WB)
- Healthy Families America (HFA)
- Parents as Teachers (PAT)
- CCRC Early Head Start (CCRC EHS)
- Partnerships for Families (PFF)
- Healthy Start (HS)
- Nurse Family Partnership (NFP)

This Benchmark Comparison Chart Report as presented by the Data Workgroup, provides individual chart reports for LACPECHVC'S Programmatic Data [FY 18-19] with charts that display differences between various home visiting groups and county level data. The county level data (Benchmark Data) that is presented is designed to provide a comparison to the Programmatic Data; for reference please refer to the 'LACPECHVC Outcome Measure for FY 18-19'.

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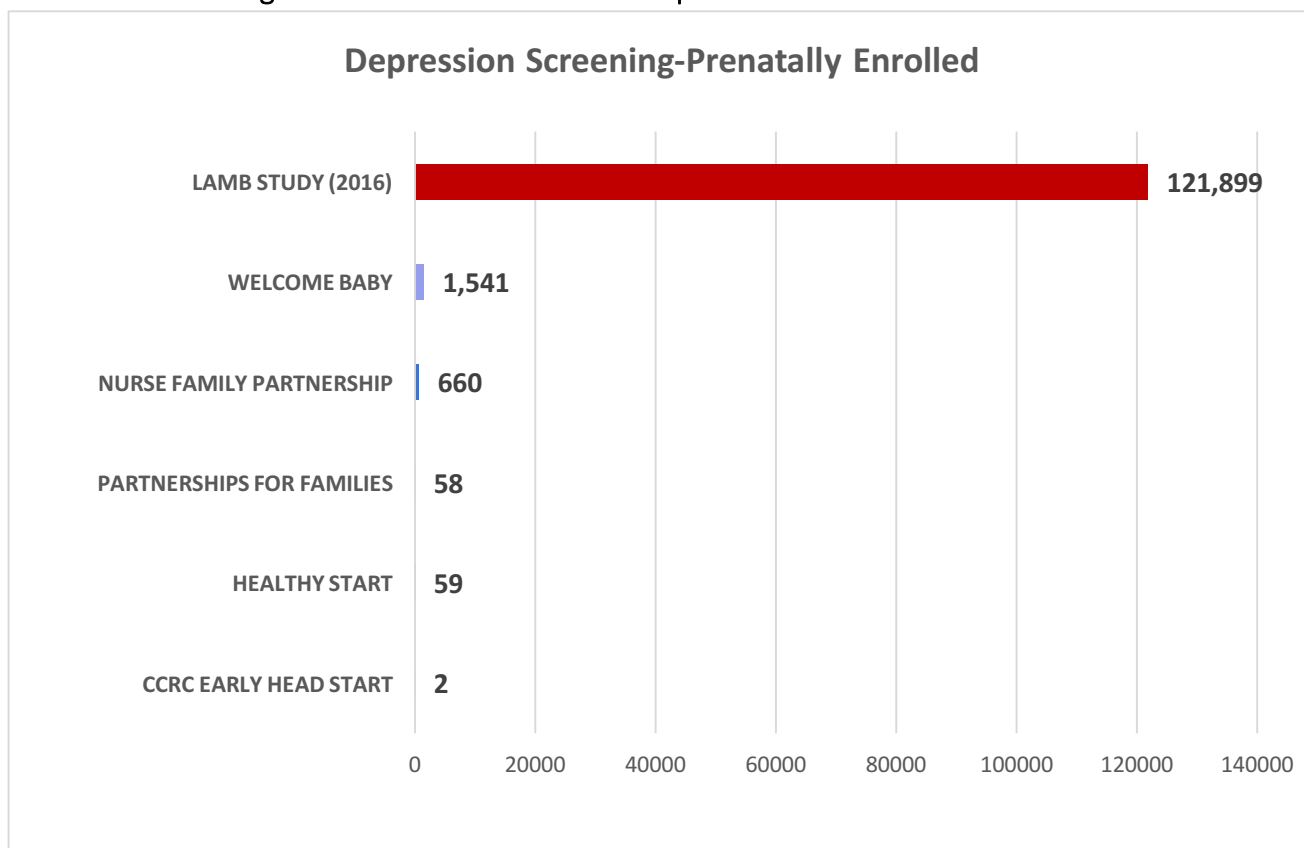
Benchmark county/state/national level data is provided as a comparison to LACPECHVC's Programmatic data and may differ in variable definition and measurement of the numerator and denominator. Additionally, program models do not have the same outcomes and deliverables and therefore may have differing or non-reportable data.

## DEPRESSION SCREENING-PRENATALLY ENROLLED

This report compares programmatic data and county level data for the 'Depression Screening-Prenatally Enrolled' variable. **Section A** breaks down sample sizes for programmatic and benchmark data and provides the benchmark data source(s). **Section B** displays comparison outcomes and provides variable definitions.

### A. SAMPLE SIZES

#### 1. LACPECHVC Programs and Benchmark Data Sample Sizes:

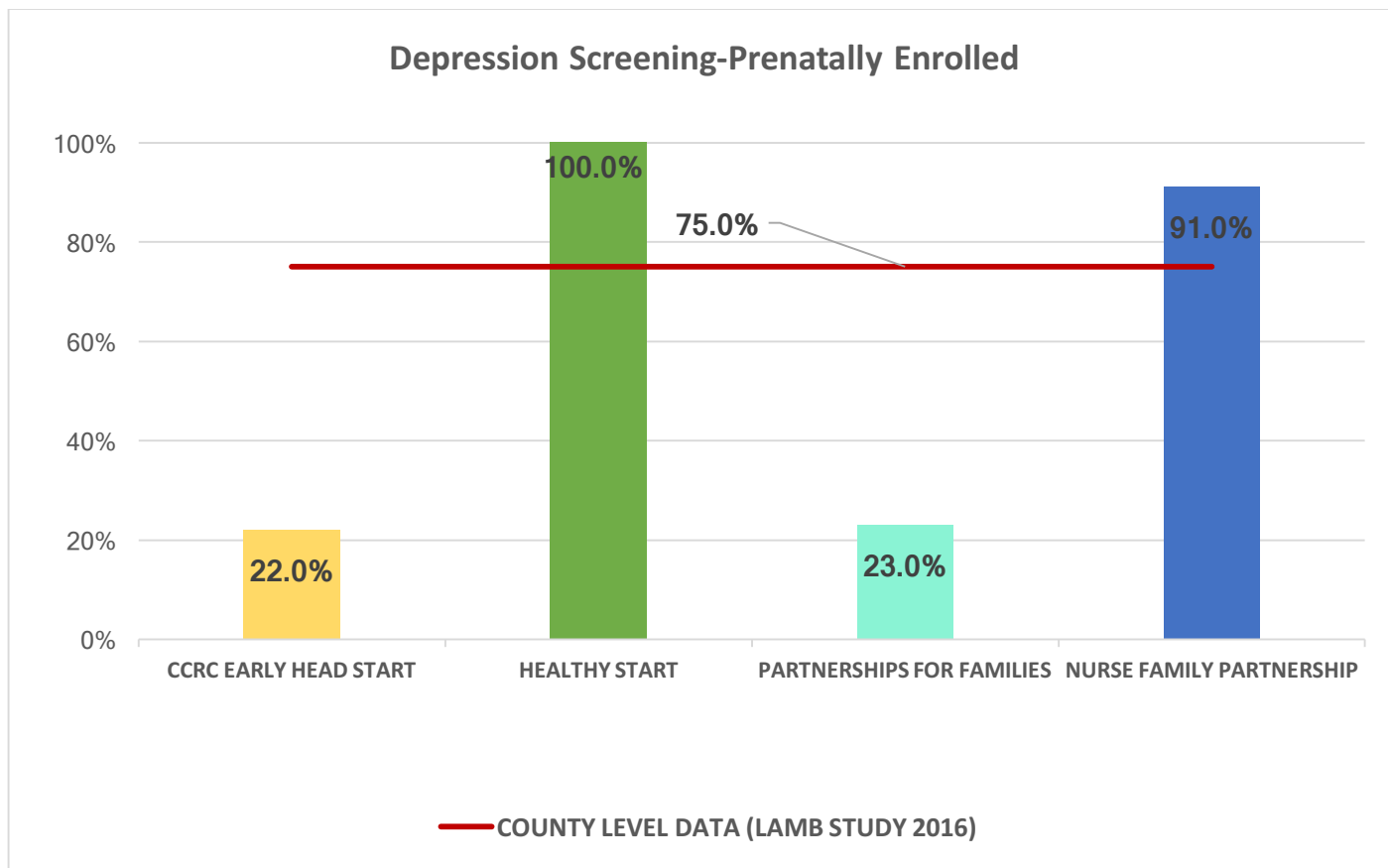


Note: Not every program is represented in the graph due to program model restrictions and/or unavailable data. Models excluded from graph include PAT and HFA.

#### 2. Benchmark Data Source(s):

- Los Angeles Mommy and Baby (LAMB) Survey (2016).

## B. COMPARISON OUTCOMES



Note: Not every program is represented in the graph due to program model restrictions and/or unavailable data. Models excluded from graph include PAT and HFA.

Variables are defined as:

### 1. LACPECHVC Program Variable Definitions:

- **Numerator:** Number receiving depression screening within 3 months of delivery.
- **Denominator:** Number of women enrolled prenatally who received at least one home visit within 3 months after birth.

### 2. Benchmark Data Variable Definitions:

- **The Los Angeles Mommy and Baby (LAMB) Survey (2016):** defines the numerator as the 'total number of mother's in LA County that responded "yes" to depressed mood-6 months before pregnancy' and the denominator as the 'total number enrolled in the 2016 LAMB Survey'.

\* Statistics were reversed to reflect the number of subjects screened.

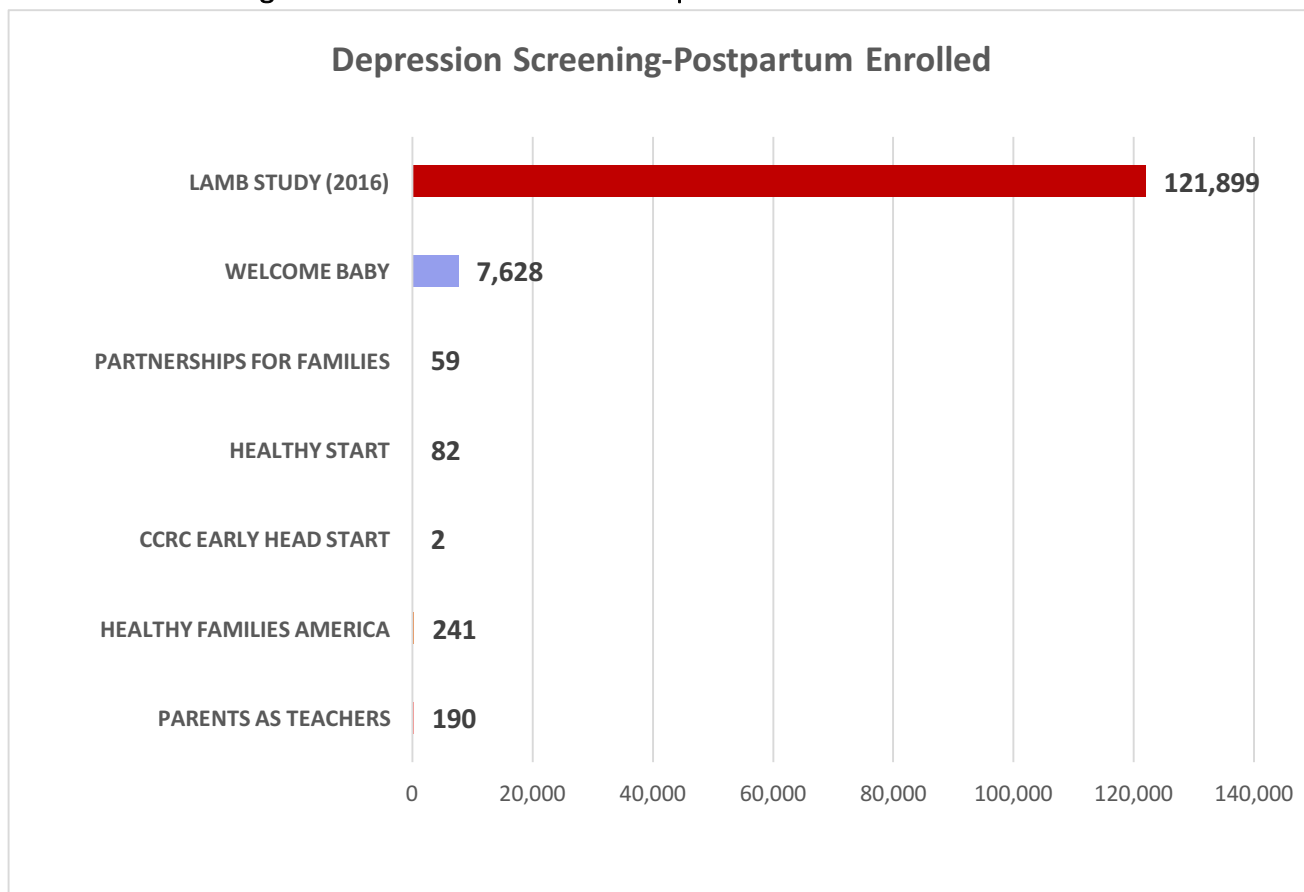
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## DEPRESSION SCREENING-POSTPARTUM ENROLLED

This report compares programmatic data and county level data for the 'Depression Screening-Postpartum Enrolled' variable. **Section A** breaks down sample sizes for programmatic and benchmark data and provides the benchmark data source(s). **Section B** displays comparison outcomes and provides variable definitions.

### A. SAMPLE SIZES

#### 1. LACPECHVC Programs and Benchmark Data Sample Sizes:



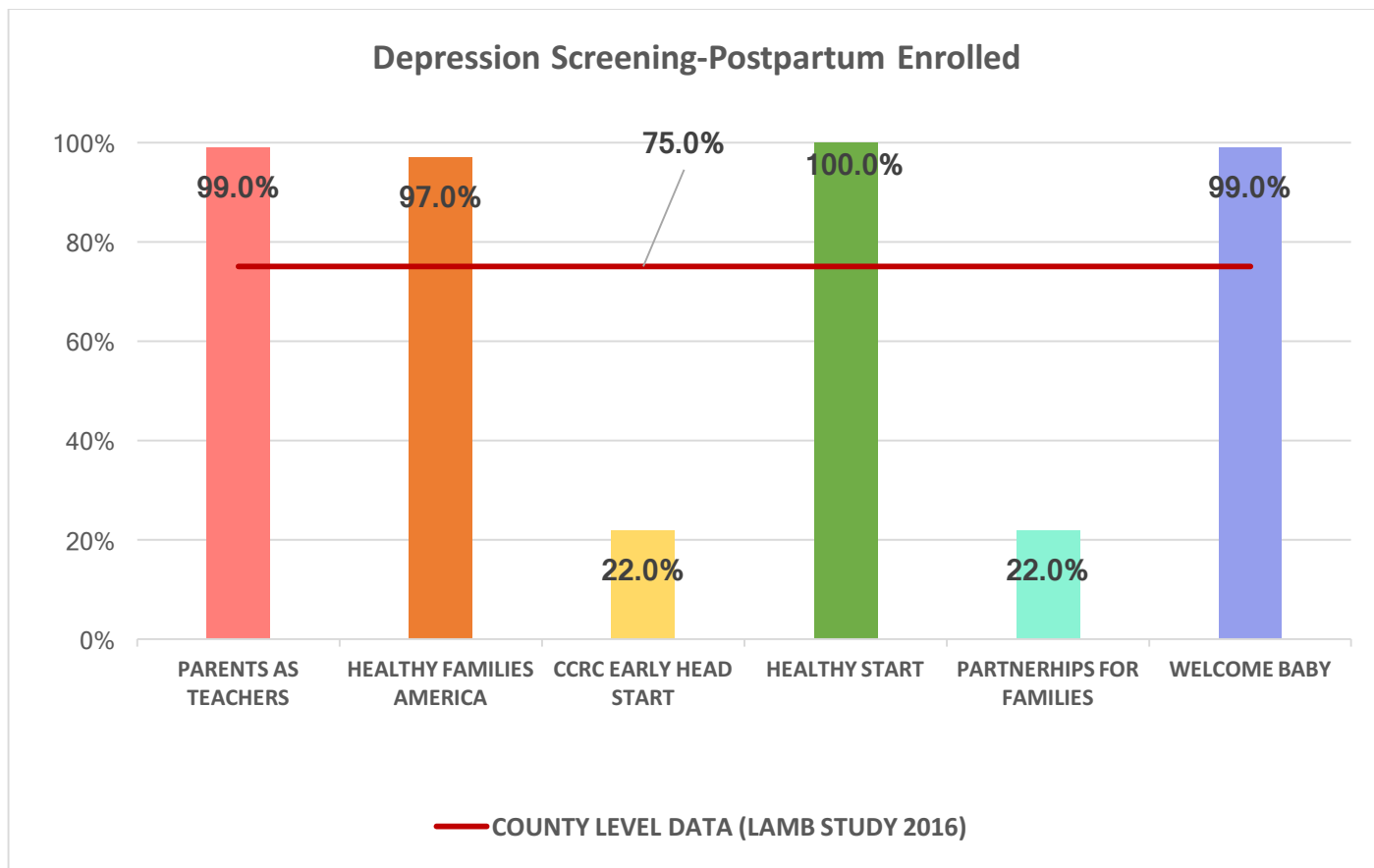
Note: Not every program is represented in the graph due to program model restrictions and/or unavailable data. Models excluded from graph include NFP.

#### 2. Benchmark Data Source(s):

- Los Angeles Mommy and Baby (LAMB) Survey (2016).

Benchmark county/state/national level data is provided as a comparison to LACPECHVC's Programmatic data and may differ in variable definition and measurement of the numerator and denominator. Additionally, program models do not have the same outcomes and deliverables and therefore may have differing or non-reportable data.

## B. COMPARISON OUTCOMES



Note: Not every program is represented in the graph due to program model restrictions and/or unavailable data. Models excluded from graph include NFP.

Variables are defined as:

### 1. LACPECHVC Program Variable Definitions:

- **Numerator:** Number receiving depression screening within 3 months of enrollment.
- **Denominator:** Number of women enrolled postpartum who received at least one home visit within 3 months after enrollment.

### 2. Benchmark Data Variable Definitions:

- **The Los Angeles Mommy and Baby (LAMB) Survey (2016) \*:** defines the numerator as the ‘total number of mother’s in LA County that responded “yes” to postpartum depressed mood’ and the denominator as the ‘total number enrolled in the 2016 LAMB Survey’.

*\* Statistics were reversed to reflect the number of subjects screened.*

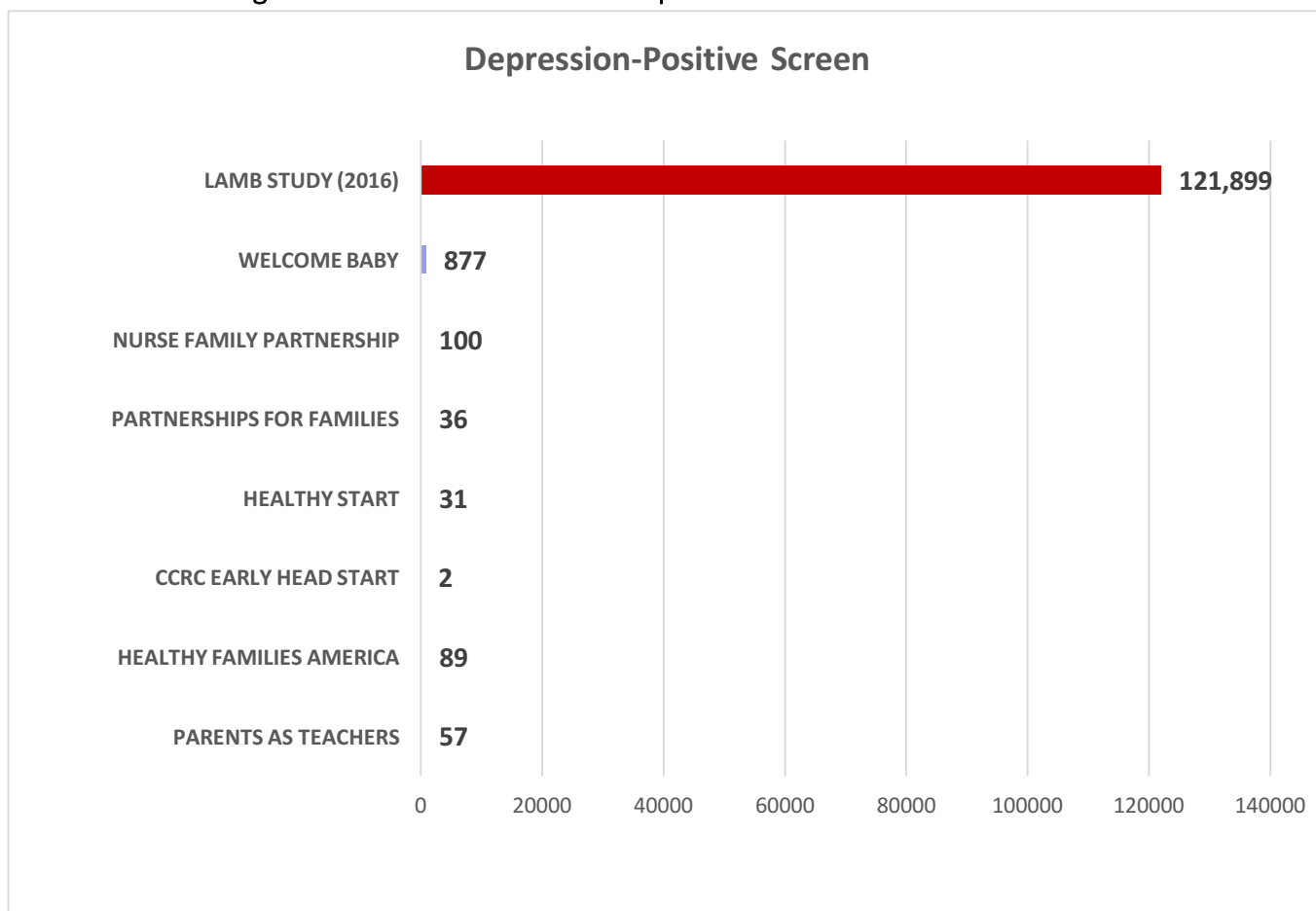
Benchmark county/state/national level data is provided as a comparison to LACPECHVC’s Programmatic data and may differ in variable definition and measurement of the numerator and denominator. Additionally, program models do not have the same outcomes and deliverables and therefore may have differing or non-reportable data.

## DEPRESSION-POSITIVE SCREEN

This report compares programmatic data and county level data for the ‘Depression-Positive Screen’ variable. **Section A** breaks down sample sizes for programmatic and benchmark data and provides the benchmark data source(s). **Section B** displays comparison outcomes and provides variable definitions.

### A. SAMPLE SIZES

#### 1. LACPECHVC Programs and Benchmark Data Sample Sizes:

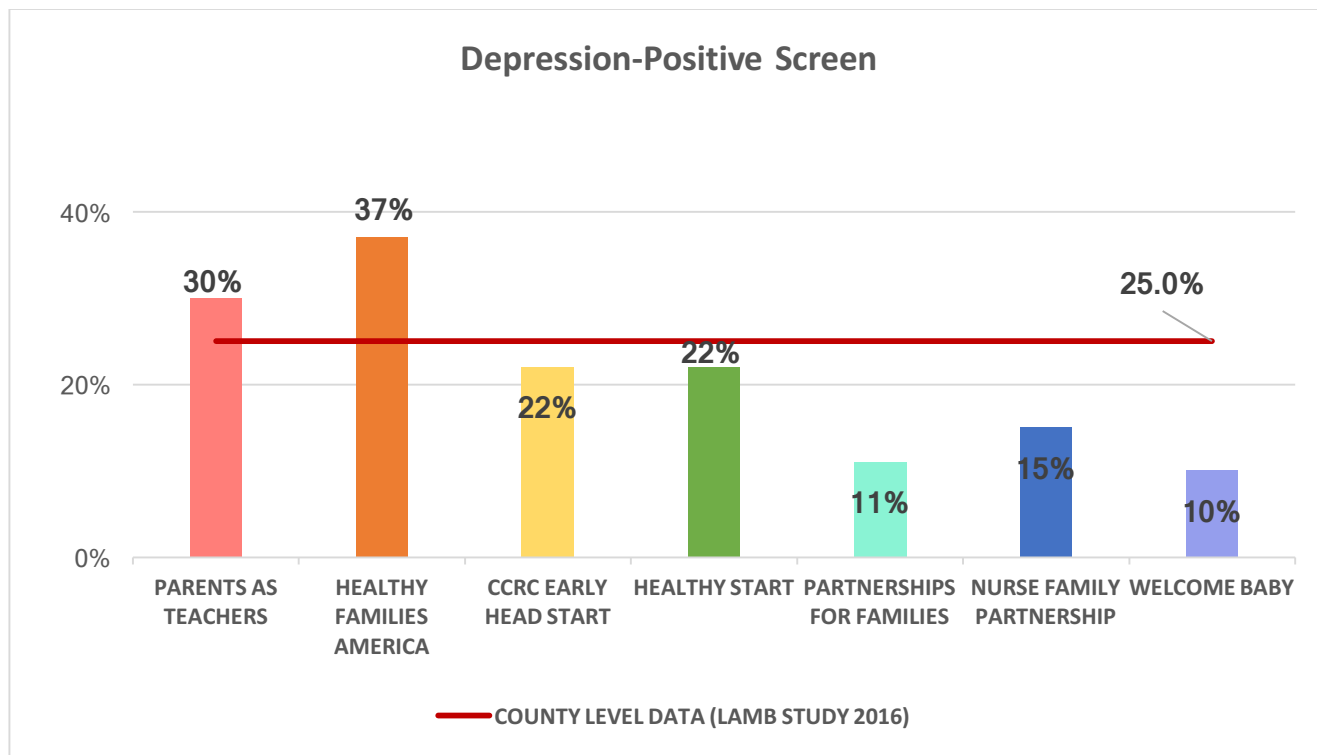


#### 2. Benchmark Data Source(s):

- Los Angeles Mommy and Baby (LAMB) Survey (2016).

Benchmark county/state/national level data is provided as a comparison to LACPECHVC’s Programmatic data and may differ in variable definition and measurement of the numerator and denominator. Additionally, program models do not have the same outcomes and deliverables and therefore may have differing or non-reportable data.

## B. COMPARISON OUTCOMES



Variables are defined as:

### 1. LACPECHVC Program Variable Definitions:

- **Numerator:** Number of postpartum women who scored positive on a validated scale for depression (5+ for PHQ-9, 10+ for Edinburgh, 13+ for BDI-II, 59+ for PDSS).
- **Denominator:** Postpartum women screening within 3 months' delivery (for prenatally enrolled) or enrollment (for postpartum enrolled).

### 2. Benchmark Data Variable Definitions:

- **Los Angeles Mommy and Baby (LAMB) Survey (2016):** defines the numerator as the 'total number of mother's in LA County that responded "yes" to depressed mood' and the denominator as the 'total number enrolled in the 2016 LAMB Survey'.

Benchmark county/state/national level data is provided as a comparison to LACPECHVC's Programmatic data and may differ in variable definition and measurement of the numerator and denominator. Additionally, program models do not have the same outcomes and deliverables and therefore may have differing or non-reportable data.



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DEPRESSION VARIABLES SUMMARY STATISTICS

INDICATOR	PARENTS AS TEACHERS	HEALTHY FAMILIES AMERICA	CCRC EARLY HEAD START	HEALTHY START	PARTNERSHIPS FOR FAMILIES	NURSE FAMILY PARTNERSHIP	WELCOME BABY	BENCHMARK REPORT NAME & SOURCE	BENCHMARK MEASURE
<b>Depression Screening- Prenatally Enrolled</b>  <i>Numerator:</i> Number receiving depression screening within 3 months of delivery  <i>Denominator:</i> Number of women enrolled prenatally who received at least one home visit within 3 months after birth.	Data not available	Data not available	(2/9) =22%	(59/59) =100%	(58/251) =23%	(660/729) =91%	(1,541/1,541) =100%	<a href="#">Health Indicators for Mothers &amp; Babies in Los Angeles County, 2016 (LAMB Study)</a>	90%*  *Reverse statistic conducted to determine the total number of mothers screened
<b>Depression Screening - Postpartum Enrolled</b>  <i>Numerator:</i> Number receiving depression screening within 3 months of enrollment  <i>Denominator:</i> Number of women enrolled postpartum who received at least one home visit within 3 months after enrollment.	(190/192) =99%	(241/249) =97%	(2/9) =22%	(82/82) =100%	(59/263) =22%	Data not available	(7,628/7,642) =99%	<a href="#">Health Indicators for Mothers &amp; Babies in Los Angeles County, 2016 (LAMB Study)</a>	75%*  *Reverse statistic conducted to determine the total number of mothers screened

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INDICATOR	PARENTS AS TEACHERS	HEALTHY FAMILIES AMERICA	CCRC EARLY HEAD START	HEALTHY START	PARTNERSHIPS FOR FAMILIES	NURSE FAMILY PARTNERSHIP	WELCOME BABY	BENCHMARK REPORT NAME & SOURCE	BENCHMARK MEASURE
<b>Depression Screening- Positive Screen</b>  <i><b>Numerator:</b>            Number of postpartum women who scored positive on a validated scale for depression (5+ for PHQ-9, 10+ for Edinburgh, 13+ for BDI-II, 59+ for PDSS)</i>  <i><b>Denominator:</b>            Postpartum women screened within 3 months delivery (for prenatally enrolled) or enrollment (for postpartum enrolled).</i>	(57/190) =30%	(89/241) =37%	(2/9) =22%	(31/141) =22%	(36/317) =11%	(100/672) =15%	(877/9,169) =10%	<a href="#">Health Indicators for Mothers &amp; Babies in Los Angeles County, 2016 (LAMB Study)</a>	25%

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## **Discussion:**

The depression screening variables represented in this report by the Los Angeles County Perinatal and Early Childhood Home Visitation Consortium programs included Depression Screening: prenatally enrolled, postpartum enrolled, and positive screen. When compared against available county-level data, it was discovered that:

- a. **Depression Screening-Prenatally Enrolled:** HS and NFP exceeded county-level data, whereas CCRC EHS and PFF were below county-level data. It is also important to note that not every program was represented in the graph due to program model restrictions and/or unavailable data. Models excluded from this comparison included PAT and HFA.
- b. **Depression Screening-Postpartum Enrolled:** PAT, HFA, HS, and WB exceeded county-level data, whereas CCRC EHS and PFF were below county-level data. It is also important to note that not every program was represented in the graph due to program model restrictions and/or unavailable data. Models excluded from this comparison included NFP.
- c. **Depression-Positive Screen:** PAT and HFA exceeded county-level data, whereas CCRC EHS, HS, PFF, NFP, and WB were below county-level data.

## **Limitations and Recommendations:**

Such discrepancies in data may be the result of different demographics, variable definitions, sample sizes, outcomes, and deliverables within each program model. Recommendations for the LACPECHVC programs are to continue to follow model guidelines and strive to increase prenatal and postpartum depression screening.

General suggestions for the future: break down data by SPA level, compare demographic data to spot differences between models, clearly identify if model definitions do not compare to the LACPECHVC definitions, and collaborate to create universal definitions and measurements for depression screening in order to have more reliable and comparative data.