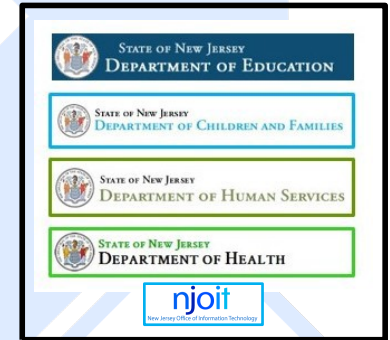


NJ-EASEL



New Jersey Enterprise Analysis System for Early Learning (NJ-EASEL)

**Birth-to-Five Preschool Development Grant Meeting
Data Systems
10/10/18**





What is NJ-EASEL?

NJ-EASEL is New Jersey's Early Childhood Integrated Data System (ECIDS)

An ECIDS gathers, integrates, stores, and reports information from early childhood programs across multiple agencies within a state that serves children and families from prenatal to age eight.

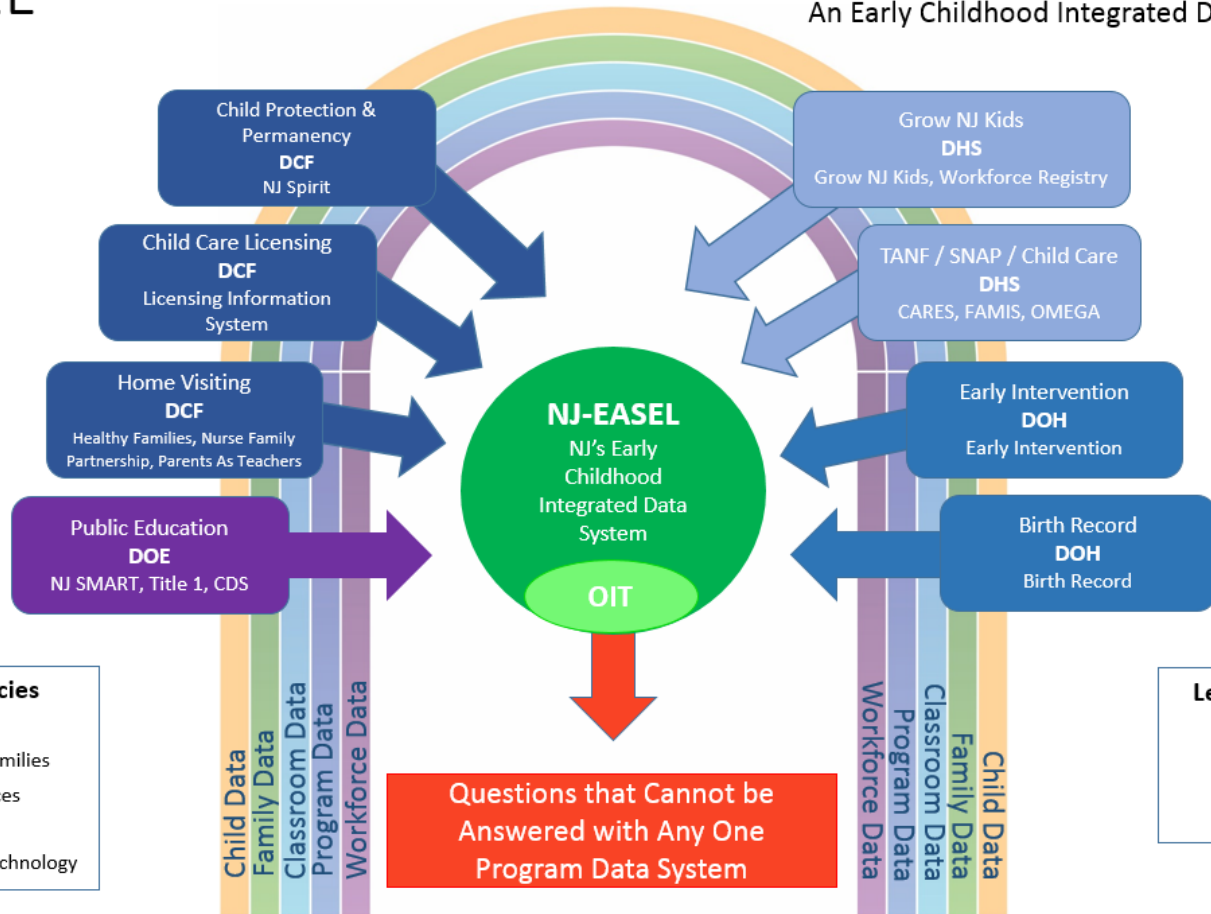
Goals of NJ-EASEL's Initiative

- Integrate data from four partnering agencies (DOE, DCF, DHS, DOH).
- Answer critical questions about early care and education programs and services for children, prenatal through age eight.
- Produce reports to measure the collective impact of cross-agency programs.
- Use reports to inform the administration of programs and services essential to the development and growth of New Jersey's youngest children, leading to:
 - Increased access to high-quality early care and education programs for children and families living in communities with large numbers of vulnerable families.
 - Increased access to needed support services for children who are at risk.
 - More equitable access to critical programs and services.

NJ-EASEL Overview

NJ-EASEL

NJ Enterprise Analysis System for Early Learning An Early Childhood Integrated Data System (ECIDS)



Legend for Agencies

- Dept of Education
- Dept of Children & Families
- Dept of Human Services
- Dept of Health
- Ofc of Information Technology

Legend for Programs

Program name
Agency name
System name

08/28/2018

Where Are We Now?

- NJ-EASEL Phase 1 Reports (Go Live Date: November 2018)
 - Will reflect the integration of data from three source systems:
 - DOE Student Data
 - DOE County District School Reference Data
 - DHS Child Care Subsidies Data
 - Will provide de-identified aggregated counts of children served from multiple cross-agency programs, based on matching individually identifiable information about children from the partnering agencies.
 - Will provide 20 reports which will partially address multiple critical NJ-EASEL Questions and Objectives about children, including the following questions:
 - What are the characteristics of New Jersey’s vulnerable children and families beginning prenatally and where are they located?
 - How many children are participating in high-quality early care and education programs, and where are they located?

What's Next?

- NJ-EASEL Phase 2 Reports (Development: FY 2019 – FY 2010) will reflect what NJ-EASEL gains by adding DOH and DCF data.
 - DOH Birth Record:
 - Enriches Child Master Data and helps match the children even more accurately across contributing data systems.
 - Enhances reporting by more fully answering Phase 1 questions about children.
 - Enriches the data by adding more children to the NJ-EASEL cohort.
 - DCF Home Visiting:
 - Enhances reporting by more fully answering Phase 1 questions about children, and by answering new questions about children and programs.
 - Enriches the data by adding more children to the NJ-EASEL cohort, including prenatal children.
- Confidence in the integrity of NJ-EASEL data is enhanced by the enriched data, which provides validation of a child's identity, or specific social-emotional and situational conditions, when multiple systems provide the same information for a child.

NJ-EASEL Mockup Reports

Phase 1 & Phase 2

Report #1b002: 2010-2011 Crossover Counts of Children Participating in Identified Programs by Specific Social-Emotional and Situational Conditions – Statewide.

Phase 1
Mockup
Report
#1b002
Study Year:
2010 – 2011

Social-Emotional and Situational Condition	NJ-EASEL Program					
	Charter School	Child Care Assistance Program	National School Lunch Program	NJ Child Care Subsidy	Public School	WRAP
Exposed to Homelessness	26	25	3,943	49	4,303	73
First Generation Immigrant / Migrant	140	38	16,589	68	25,409	456
Limited English Proficiency	252	*	49,696	500	60,000	4,900
Out-of-Home Care (Kinship Care)	25	194	359	38	404	28

Phase 2
Mockup
Report
#1b002
Study Year:
2010 – 2011

Social-Emotional and Situational Condition	Count of Children	NJ-EASEL Program													
		Charter School		Child Care Assistance Program		Home Visiting		National School Lunch Program		NJ Child Care Subsidy		Public School		WRAP	
Exposed to Homelessness	8,659	230	2.7%	78	0.9%	520	6.0%	4,236	48.9%	125	1.4%	6,123	70.7%	80	0.9%
First Generation Immigrant / Migrant	32,356	550	1.7%	85	0.3%	260	0.8%	18,250	56.4%	120	0.4%	26,900	83.1%	652	2.0%
Limited English Proficiency	84,568	360	0.4%	60	0.1%	170	0.2%	52,092	61.6%	623	0.7%	69,523	82.2%	5,500	6.5%
Out-of-Home Care (Kinship Care)	2,365	80	3.4%	250	10.6%	120	5.1%	630	26.6%	50	2.1%	523	22.1%	60	2.5%
Domestic Violence	1,869	210	11.2%	189	10.1%	50	19.0%	536	28.7%	1235	66.1%	653	34.9%	865	46.3%

Phase 2 enhancements to Report #1b002 include the following:

- Birth Record Social-Emotional and Situational Condition data and Home Visiting Condition and Program data
- More children in the NJ-EASEL cohort
- Count of children associated with each Social-Emotional and Situational Condition, which provides a reference point for the program participation rate, displayed as percentages on the report.

NJ-EASEL Mockup Reports Phase 2 - New

Report #1a001:
2010-2011
Crossover Counts
of Children
Participating in
Identified
Programs by
Specific
Health-Related
Conditions –
Statewide

Health-Related Condition	Count of Children	NJ-EASEL Program									
		Home Visiting		Charter School		Child Care Assistance Program		National School Lunch Program		WRAP	
Exposure to Lead	800	800	100.0%	240	30.0%	420	52.5%	450	56.3%	350	43.8%
Exposure to Substance Abuse	947	947	100.0%	250	26.4%	260	27.5%	250	26.4%	280	29.6%
Family member with depression	900	900	100.0%	250	27.8%	120	13.3%	630	70.0%	260	28.9%
Inadequate Prenatal Care	852	852	100.0%	230	27.0%	520	61.0%	250	29.3%	240	28.2%
Low Birth Weight	450	450	100.0%	35	7.8%	95	21.1%	56	12.4%	120	26.7%
Smoking During Pregnancy	965	965	100.0%	140	14.5%	620	64.2%	650	67.4%	140	14.5%

Report #1ab001:
2010-2011
Crossover Counts
of Children
Associated with
Health-Related
Conditions by
Specific Social
Emotional and
Situational
Conditions –
Statewide

Social-Emotional and Situational Condition	Count of Children	Health Related Condition							
		Exposure to Lead		Exposure to Substance Abuse		Family member with depression		Inadequate Prenatal Care	
Exposed to Homelessness	8,659	1,325	15.3%	1,125	13.0%	1,250	14.4%	3,210	37.1%
First Generation Immigrant / Migrant	32,356	1,223	3.8%	1,125	3.5%	2,560	7.9%	2,350	7.3%
Limited English Proficiency	84,568	2,235	2.6%	986	1.2%	2,560	3.0%	1,250	1.5%
Out-of-Home Care (Kinship Care)	2,365	756	32.0%	756	32.0%	900	38.1%	1,200	50.7%
Domestic Violence	1,869	869	46.5%	623	33.3%	860	46.0%	790	42.3%

Phase 2 New Reports include the following:

- Health-Related Conditions by Program
- Health-Related Conditions by Social Emotional and Situational Conditions

Agency / Systems by Phase			
Phase 1 - CY 2014 – 2018 (RTT-ELC Grant)		Phase 2 – FY 2019 – 2020 (Future Funding)	
NJ DOE	<ul style="list-style-type: none"> NJ SMART (Student) CDS (County, District, School) 	NJ DOH	<ul style="list-style-type: none"> Birth Record
NJ DHS	<ul style="list-style-type: none"> CARES (Child Care Subsidies) 	NJ DCF	<ul style="list-style-type: none"> Home Visiting <ul style="list-style-type: none"> Healthy Families (HV – FAMSYS) Parents As Teachers (HV – PATSYS)
Phases 3, 4, 5 (Future Funding)			
NJ DOE	<ul style="list-style-type: none"> NJ SMART (Staff) Title 1 	NJ DOH	<ul style="list-style-type: none"> Early Intervention System
NJ DHS	<ul style="list-style-type: none"> FAMIS (Public Assistance & Food Stamp Assistance (SNAP)) OMEGA (Cash Assistance / Transitional Child Care) Workforce Registry Grow NJ Kids 	NJ DCF	<ul style="list-style-type: none"> Licensing NJ Spirit Home Visiting – Nurse Family Partnership (HV – NFP)

With continued funding, the NJ-EASEL initiative will proceed to Phase 2, incorporating more data and systems, and enhancing reporting.

Phases 3, 4 and 5 will follow with additional future goals, which are to:

- Expand the holistic view to achieve a longitudinal way to examine the collective impact of programs and services over time.
- Provide increasingly more comprehensive reports to the IPG.
- Explore ways to provide useful data to the public:
 - GIS capabilities to link families with programs and services
 - Availability of data for approved Internal Review Board (IRB) research
 - Connection to NJ OIT’s Open Data Center
- Serve as an example of the Governor’s goal to make government data more accessible and user-friendly.