

Program Summation Report

July 2013 to July 2014



MA Department of Public Health

EARLY INTERVENTION

Fiscal Year 2014

Client Status*

All Children Receiving Services or Referred during Fiscal Year 2014

State***

| | | |
|--|---------------|-------|
| Received intake service only | 2,502 | 5.2% |
| Evaluated, ineligible | 5,208 | 10.8% |
| Evaluated, eligible but no IFSP | 2,146 | 4.5% |
| Evaluated, IFSP but no services | 606 | 1.3% |
| Enrolled/IFSP | 37,557 | 78.2% |
| TOTALS | <u>48,019</u> | |
| In process (status to be determined in next FY) | 1,537 | |
| Referred, no services | 6,617 | |
| Enrolled/IFSP (unduplicated) | 36,092 | |

* Client status is derived using both EIS Client and Service Delivery (SDR) data

- All client IDs who received one or more services during the fiscal year are included in the child referral count with the exception of "Referred, no services" clients who have not received any service.

*** A child may be counted more than once if re-referred into the same program or transferred from one EI program to another program during the fiscal year. The Enrolled/IFSP (unduplicated) count excludes transfers and re-referrals.

MA Department of Public Health

EARLY INTERVENTION

Fiscal Year 2014

DCF Referred Children - Client Status*

All DCF Children Receiving Services or Referred during Fiscal Year 2014

| | | State*** |
|--|--------------|----------|
| Received intake service only | 422 | 7.2% |
| Evaluated, ineligible | 1,395 | 23.6% |
| Evaluated, eligible but no IFSP | 591 | 10.0% |
| Evaluated, IFSP but no services | 136 | 2.3% |
| Enrolled/IFSP | 3,358 | 56.9% |
| TOTALS | 5,902 | |
| In process (status to be determined in next FY) | 241 | |
| Referred, no services | 1,683 | |
| Length of stay (in months) | | |
| DCF referred children | 9.3 | |
| All other children | 11.3 | |

* Client status is derived using both EIS Client and Service Delivery (SDR) data

- All client IDs who received one or more services during the fiscal year are included in the child referral count with the exception of "Referred, no services" clients who have not received any service.

** A child may be counted more than once if re-referred into the same program during the fiscal year.

*** A child may be counted more than once if re-referred into the same program or transferred from one EI program to another program during the fiscal year.

MA Department of Public Health

EARLY INTERVENTION

Fiscal Year 2014

Referral Reasons

All Children Receiving Services

State

| | | |
|---------------------------------------|--------|-------|
| Developmental concerns: Communication | 19,530 | 39.8% |
| Developmental concerns: Overall | 6,858 | 14.0% |
| Child has established diagnoses | 6,598 | 13.5% |
| Birth concerns: Prematurity/Low BWT | 3,857 | 7.9% |
| Developmental concerns: Motor | 3,371 | 6.9% |
| Request for an evaluation | 2,095 | 4.3% |
| At risk/Environmental concerns | 1,653 | 3.4% |
| Behavioral concerns | 1,573 | 3.2% |
| DCF Involvement | 1,555 | 3.2% |
| Birth concerns: General | 547 | 1.1% |
| Developmental concerns: Physical | 416 | 0.8% |
| EI Partnerships program referral | 391 | 0.8% |
| Transferred/Re-referred | 385 | 0.8% |
| Dev concerns: Soc/Emot/Adapt | 87 | 0.2% |
| Other | 59 | 0.1% |
| Child is adopted | 45 | 0.1% |

TOTALS

=====
49,020

Missing

536

MA Department of Public Health

EARLY INTERVENTION

Fiscal Year 2014

Who Suggested Family Contact Early Intervention

All Children Receiving Services

State

| | | |
|--------------------------------|---------------|-------|
| PCP/HMO/Physician | 20,769 | 42.2% |
| Self-referred/EI involved | 7,303 | 14.8% |
| DCF | 6,143 | 12.5% |
| Hospital/Hospital NICU | 4,974 | 10.1% |
| Another EI Program | 1,858 | 3.8% |
| Day Care/Educ Institute | 1,737 | 3.5% |
| Friend/Relative | 1,363 | 2.8% |
| EI Partnerships Program (EIPP) | 1,190 | 2.4% |
| Comm/Social Sv Agency | 1,140 | 2.3% |
| Comm Health Center/Clinic | 855 | 1.7% |
| DPH WIC | 479 | 1.0% |
| Other | 445 | 0.9% |
| Other Allied Health | 302 | 0.6% |
| Home Health Svs/VNA | 239 | 0.5% |
| Healthy Families | 185 | 0.4% |
| Adolescent Parenting Prg | 111 | 0.2% |
| Public Information Ad | 104 | 0.2% |
| TOTALS | 49,197 | |
| Unknown | 190 | |
| Missing | 169 | |

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EARLY INTERVENTION

Fiscal Year 2014

Age at Referral

All Children Receiving Services

State

| | | |
|-------------------------|--------|-------|
| Prenatal referrals | 5 | 0.0% |
| Birth to 6 months | 15,145 | 30.6% |
| 7 to 12 months | 6,121 | 12.4% |
| 13 to 18 months | 10,209 | 20.6% |
| 19 to 24 months | 10,096 | 20.4% |
| 25 to 30 months | 5,875 | 11.9% |
| 31 to 36 months | 2,105 | 4.2% |
| | ===== | |
| TOTALS | 49,556 | |
| Missing | 0 | |
| Average age (in months) | 14.0 | |

MA Department of Public Health

EARLY INTERVENTION

Fiscal Year 2014

Eligibility*

Enrolled/IFSP Children

State

| | | |
|----------------------------|---------------|-------|
| Established delay | 26,659 | 71.0% |
| Est delay/At risk | 3,923 | 10.5% |
| Est cond/Est delay | 2,204 | 5.9% |
| Clinical judgment | 1,945 | 5.2% |
| Established condition | 1,083 | 2.9% |
| At risk | 895 | 2.4% |
| Est cond/Est delay/At risk | 716 | 1.9% |
| Est cond/At risk | 112 | 0.3% |
| TOTALS | 37,537 | |
| Error: Ineligible** | 11 | |
| Error: Undetermined*** | 9 | |

* Eligibility is based on the initial assessment at the time of registration into EI.

** All assessment data was available in EIS and eligibility was deemed to be "Ineligible".
EI programs should ensure eligibility within EIS for IFSP children.

***Assessment data in EIS was incomplete; eligibility could not be determined.
EI programs should ensure that eligibility criteria within EIS is complete and is valid.

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EARLY INTERVENTION

Fiscal Year 2014

Gender

Enrolled/IFSP Children

State

| | | |
|---------------|--------|-------|
| Male | 23,456 | 62.5% |
| Female | 14,101 | 37.5% |
| | ===== | |
| TOTALS | 37,557 | |
| Missing | 0 | |

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EARLY INTERVENTION

Fiscal Year 2014

Child's Race

Enrolled/IFSP Children

State

| | | |
|-------------------------|---------------|-------|
| White | 21,415 | 57.0% |
| Hispanic | 9,316 | 24.8% |
| Black | 3,608 | 9.6% |
| Asian | 1,785 | 4.8% |
| Multi-Race | 1,341 | 3.6% |
| Am Ind/Alaskan Native | 58 | 0.2% |
| Pac Isl/Native Hawaiian | 29 | 0.1% |
| | ===== | |
| TOTALS | 37,552 | |
| Missing | 5 | |

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EARLY INTERVENTION

Fiscal Year 2014

Child's Ethnicity

Enrolled/IFSP Children

State

| | | |
|---------------------------|---------------|-------|
| N. American (USA, Canada) | 17,273 | 46.6% |
| Puerto Rican | 4,724 | 12.7% |
| European | 2,846 | 7.7% |
| African American | 2,125 | 5.7% |
| Dominican | 1,457 | 3.9% |
| Central American | 1,093 | 2.9% |
| Other | 1,047 | 2.8% |
| Asian Indian/Pakistani | 797 | 2.2% |
| Unknown Hispanic | 635 | 1.7% |
| Haitian | 621 | 1.7% |
| African | 577 | 1.6% |
| Middle Eastern | 554 | 1.5% |
| South American | 542 | 1.5% |
| Chinese | 535 | 1.4% |
| Portuguese | 522 | 1.4% |
| Cape Verdean | 498 | 1.3% |
| Salvadoran | 472 | 1.3% |
| Brazilian | 420 | 1.1% |
| Mexican | 327 | 0.9% |
| | ===== | |
| TOTALS | 37,065 | |
| Missing | 492 | |

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EARLY INTERVENTION

Fiscal Year 2014

Primary Language Spoken at Home

Enrolled/IFSP Children

State

| | | |
|------------------------|--------|-------|
| English | 30,688 | 81.8% |
| Spanish | 3,913 | 10.4% |
| Other | 1,468 | 3.9% |
| Portuguese | 476 | 1.3% |
| Creole (Haitian) | 321 | 0.9% |
| Chinese | 241 | 0.6% |
| Crioula (Cape Verdean) | 147 | 0.4% |
| Vietnamese | 125 | 0.3% |
| Khmer | 90 | 0.2% |
| Am Sign Language | 25 | 0.1% |
| | ===== | |
| TOTALS | 37,494 | |
| Unknown | 56 | |
| Missing | 7 | |

MA Department of Public Health

EARLY INTERVENTION

Fiscal Year 2014

Legal Custody

Enrolled/IFSP Children

State

| | | |
|---|--------|-------|
| Both parents (<i>same household</i>) | 25,085 | 67.1% |
| Mother | 9,115 | 24.4% |
| DCF | 1,730 | 4.6% |
| Other legal guardian | 647 | 1.7% |
| Joint (<i>separate households</i>) | 588 | 1.6% |
| Father | 228 | 0.6% |
| | ===== | |
| TOTALS | 37,393 | |
| Unknown | 142 | |
| Missing | 22 | |

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EARLY INTERVENTION

Fiscal Year 2014

Child's Residence

Enrolled/IFSP Children

State

| | | |
|-----------------|---------------|-------|
| Family Home | 33,711 | 90.1% |
| Foster Home | 1,641 | 4.4% |
| Shelter | 1,019 | 2.7% |
| Relative's Home | 851 | 2.3% |
| Other | 176 | 0.5% |
| | ===== | |
| TOTALS | 37,398 | |
| Unknown | 135 | |
| Missing | 24 | |

MA Department of Public Health

EARLY INTERVENTION

Fiscal Year 2014

Mother's Age at Child's Birth

Enrolled/IFSP Children

State

| | | |
|------------------|--------|-------|
| 11 to 16 years | 322 | 0.9% |
| 17 to 19 years | 1,791 | 5.1% |
| 20 to 24 years | 6,478 | 18.4% |
| 25 to 29 years | 8,719 | 24.8% |
| 30 to 34 years | 10,105 | 28.7% |
| 35 to 39 years | 5,967 | 17.0% |
| 40 to 44 years | 1,651 | 4.7% |
| 45 to 49 years | 145 | 0.4% |
| 50 or more years | 17 | 0.0% |
| | ===== | |
| TOTALS | 35,195 | |
| Missing/Unknown* | 2,362 | |

* The child's birth date was missing, the mother's birth date was unknown or the mother's age may have been problematic (less than 11 years of age).

MA Department of Public Health

EARLY INTERVENTION

Fiscal Year 2014

Enrolled/IFSP Children

Top 10 Diagnoses

State

| | | |
|-------------------------------------|--------|------|
| Autism Spectrum Disorder* | 1,871 | 5.2% |
| Torticollis, congenital | 949 | 2.6% |
| Neonatal Abstinence Syndrome | 747 | 2.1% |
| Hearing impairment | 401 | 1.1% |
| Down Syndrome | 349 | 1.0% |
| Failure to Thrive | 295 | 0.8% |
| Chromosomal anomaly | 152 | 0.4% |
| Major cardiac anomaly, other | 103 | 0.3% |
| Cerebral palsy | 96 | 0.3% |
| Encephalopathy | 93 | 0.3% |
| | ===== | |
| TOTAL IFSP Children Served | 36,092 | |

* Autism Spectrum Disorder counts include children receiving services from a specialty provider and/or having an Autism Spectrum Disorder diagnosis on an EISS evaluation or discharge.

MA Department of Public Health

EARLY INTERVENTION

Fiscal Year 2014

Children Having At-Risk Criteria*

Enrolled/IFSP Children

State**

CHILD CHARACTERISTICS

| | | |
|---|-------|-------|
| Birth weight < 1200 grams (<i>< 18 months</i>) | 822 | 2.2% |
| Gestational age < 32 weeks (<i>< 18 months</i>) | 1,457 | 3.9% |
| NICU admission > 5 days (<i>< 18 months</i>) | 4,116 | 11.0% |
| Apgar score < 5 @ 5 minutes (<i>< 18 months</i>) | 392 | 1.1% |
| Hospital stay 25+ days/6 months | 1,961 | 5.3% |
| Diagnosis of IUGR or SGA | 1,482 | 4.0% |
| Wgt, Age, Height criteria | 2,026 | 5.4% |
| Lead levels measured 5 µg/dl | 176 | 0.5% |
| Chronic feeding difficulties | 3,385 | 9.1% |
| Insecure attachment | 2,312 | 6.2% |
| Suspected CNS abnormality | 2,472 | 6.6% |
| Multiple trauma or losses | 2,921 | 7.8% |

FAMILY CHARACTERISTICS

| | | |
|--|-------|-------|
| Maternal age at < 17 years/ 3+ births before age 20 | 588 | 1.6% |
| Maternal education < 11 years | 3,646 | 9.8% |
| Parental chronic illness or disability | 5,828 | 15.6% |
| Lacking social supports | 4,551 | 12.2% |
| Inadequate food, clothing or shelter | 3,661 | 9.8% |
| Protective service investigation | 5,185 | 13.9% |
| Substance abuse | 1,386 | 3.7% |
| Domestic violence | 1,122 | 3.0% |

TOTALS (*unduplicated*)

=====
20,087

*Counts include the number of children with the specified at-risk criteria, including children who were not deemed to be eligible under the At-Risk eligibility category, based on the child's most recent evaluation.

**Children can be included in more than one category.

MA Department of Public Health

EARLY INTERVENTION

Fiscal Year 2014

Clinical Judgment

Enrolled/IFSP Children

| | State | |
|---|--------|-------------------|
| IFSP Children Served | 37,557 | |
| Eligibility Evaluations* <i>(occurred between 7/1/13 and 6/30/14)</i> | 29,285 | |
| Evaluations resulting in Clinical Judgment Eligibility | 2,057 | 7.0% |
| Initial Evaluations | 1,162 | 56.5% of CJ Evals |
| 6-Month Evaluations | 895 | 43.5% of CJ Evals |

**A child is counted multiple times if they had more than one evaluation during this time*

MA Department of Public Health

EARLY INTERVENTION

Fiscal Year 2014

Primary Insurer

Enrolled/IFSP Children

State

| | | |
|--------------------|---------------|-------|
| Medicaid | 20,243 | 54.5% |
| Commercial insurer | 16,660 | 44.8% |
| Non-insured | 269 | 0.7% |
| TOTALS | 37,172 | |
| Unknown | 341 | |
| Missing | 44 | |

MA Department of Public Health

EARLY INTERVENTION

Fiscal Year 2014

Poverty Level*

Enrolled/IFSP Children

State

| | | |
|---------------------------------|--------|-------|
| Below 200% PL | 21,796 | 69.5% |
| Between 201% and 300% PL | 1,679 | 5.4% |
| Between 301% and 400% PL | 1,636 | 5.2% |
| Between 401% and 550% PL | 1,851 | 5.9% |
| Between 551% and 750% PL | 1,212 | 3.9% |
| Over 750% PL | 679 | 2.2% |
| Income not provided | 2,507 | 8.0% |
| | ===== | |
| TOTALS | 31,360 | |
| Unknown/Missing | 6,197 | |

* Poverty level is generated from family size, income and insurance information.
The IFSP signature date determines the Poverty Guideline year utilized.

MA Department of Public Health

EARLY INTERVENTION

Fiscal Year 2014

Exiting Reasons

Enrolled/IFSP Children Discharged during FY 2014*

State

Program Completion

| | | |
|---|-------|-------|
| Under 3, completion of IFSP | 2,843 | 16.9% |
| Part B eligible | 7,019 | 41.8% |
| Not Part B eligible, referred elsewhere | 1,130 | 6.7% |
| Not Part B eligible, no referrals | 187 | 1.1% |
| Part B eligibility undetermined | 0 | 0.0% |

Other Exit Reasons

| | | |
|----------------------------------|--------|-------|
| Deceased | 26 | 0.2% |
| Moved out of state | 712 | 4.2% |
| Withdrawal by caregiver | 2,477 | 14.7% |
| Attempts to contact unsuccessful | 2,417 | 14.4% |
| | ===== | |
| TOTALS | 16,811 | |

* Includes children who had an IFSP but never received services.

MA Department of Public Health

EARLY INTERVENTION

Fiscal Year 2014

Professional Discipline Hours

All Children Receiving Services

State

| | | |
|-----------------------------|------------------|-------|
| Developmental Specialist | 845,954 | 40.9% |
| Speech/Language Pathologist | 265,685 | 12.8% |
| Autism Specialty Provider | 302,269 | 14.6% |
| Occupation Therapist | 177,790 | 8.6% |
| Social Worker | 163,245 | 7.9% |
| Physical Therapist | 127,662 | 6.2% |
| Counselor/Psychologist | 81,338 | 3.9% |
| Nurse | 72,281 | 3.5% |
| Specialty Provider | 33,861 | 1.6% |
| | ===== | |
| TOTALS | 2,070,085 | |

MA Department of Public Health

EARLY INTERVENTION

Fiscal Year 2014

Professional Discipline Costs

All Children Receiving Services

State

| | | |
|-----------------------------|----------------------|-------|
| Developmental Specialist | \$57,759,225 | 39.1% |
| Autism Specialty Provider | \$18,644,216 | 12.6% |
| Speech/Language Pathologist | \$20,765,632 | 14.0% |
| Occupation Therapist | \$13,892,179 | 9.4% |
| Social Worker | \$12,160,309 | 8.2% |
| Physical Therapist | \$10,119,362 | 6.8% |
| Nurse | \$5,772,357 | 3.9% |
| Counselor/Psychologist | \$6,277,237 | 4.2% |
| Specialty Provider | \$2,497,309 | 1.7% |
| TOTALS | \$147,887,826 | |