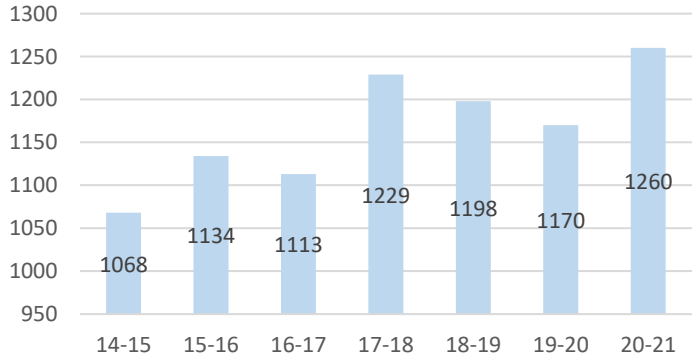
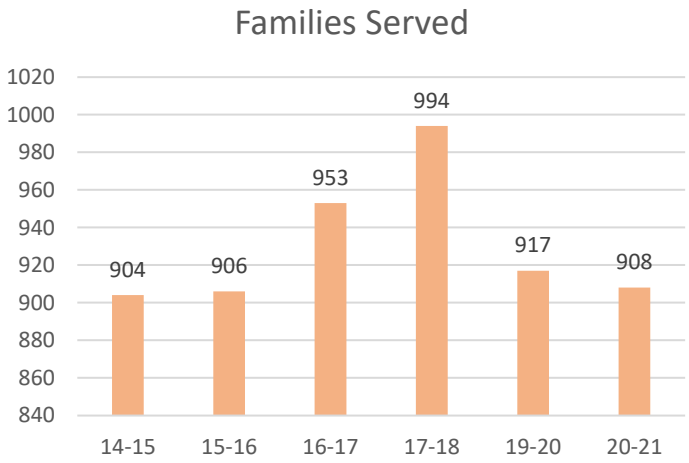
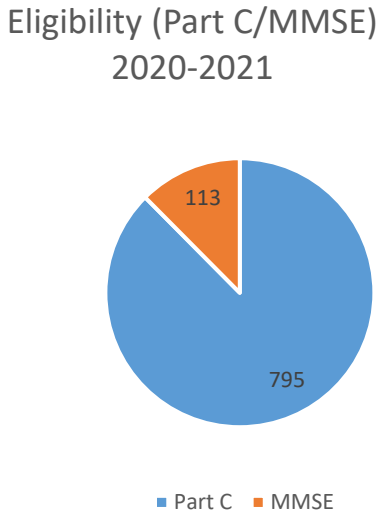
Ingham Intermediate School District
Early On Program
2021-22 Annual Report

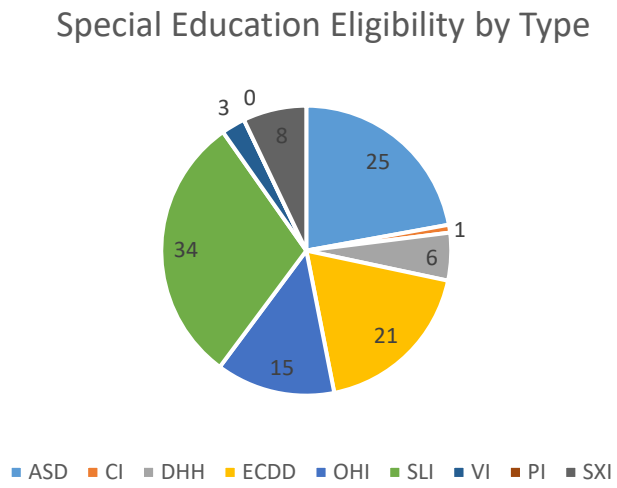
Referrals	Families Served	Number of Visits
1260	908	6,130

Data Trends









Accomplishments for 2020-2021

Virtual Playgroups: 115 children/85 families
Attendance: recorded electronically
Service Delivery: 359 in-person visits occurred from March 2021-June 2021
Literacy Essentials Training: All staff participated in Birth – 3 training.

Goals for 2021-2022

Begin to use attendance data to help increase student outcomes.
Continue to use hybrid model of service delivery when appropriate.
Implement birth to 3 Literacy Essentials.

Early On
Grant Budget
2021-22

	2020-21 Rev		2021-22 Prop	
	FTE	Cost	FTE	Cost
Grant Revenue				
Current Year		315,460		314,276
Prior Year Carryover		-		-
		315,460		314,276
Grant Expenses				
Ingham ISD				
Playgroup Specialist II	0.50	60,904	0.50	60,895
Early Intervention Svs	1.00	135,758	1.00	136,341
Early Intervention Svs	0.75	74,081	0.75	66,909
GAP Services		2,000		5,000
Other				
Mileage		1,571		4,544
Workshops/Conferences		-		-
Supplies		-		-
Indirect (21-22 at 14.83%)		41,146		40,587
		315,460		314,276
Total Expenses		315,460		314,276
Net Revenue/(Expense)		-		-

Early On® Michigan
Established Conditions

Established conditions indicate automatic eligibility for *Early On* supports and services. Established conditions must be **diagnosed** by an appropriate health care or mental health provider and documented in a medical or other record (i.e., a Child Abuse Prevention and Treatment Act (CAPTA) referral that references a medical diagnosis). Conditions include **but are not limited to**, the following:

1. Congenital Anomalies

1.1. Central Nervous System

- Agenesis of the corpus callosum
- Holoprosencephaly
- Hydrocephalus w/o spina bifida
- Microcephalus
- Spina bifida w/o anencephaly

1.2. Eye, Ear, Face, and Neck

- Craniofacial syndromes such as:
  - Pierre Robin sequence
  - Treacher Collins syndrome
- Anopthalmos
- Anotia/microtia
- CHARGE syndrome
- Congenital cataract
- Craniosynostosis
- Micropthalmos

1.3. Heart and Circulatory System

- Aortic valve atresia and stenosis
- Coarctation of aorta
- Hypoplastic left heart
- Patent ductus arteriosus (PDA)
- Tetralogy of Fallot
- Other serious congenital heart defects

1.4. Respiratory System

- Choanal atresia
- Diaphragmatic hernia
- Lung agenesis-hypoplasia

1.5. Cleft Lip & Palate

- Cleft palate w/o cleft lip
- Cleft lip w/ and w/o cleft palate

1.6. Digestive System

- Esophageal atresia/ tracheoesophageal fistula
- Gastroschisis
- Hirschsprung's disease
- Omphalocele
- Pyloric stenosis

1.7. Genital & Urinary Organs

- Hypospadias and epispadias
- Renal agenesis

1.8. Musculoskeletal System

- Achondroplasia
- Arthrogryposis
- Congenital hip dislocation
- Lower limb reduction deformities
- Upper limb reduction deformities
- Other congenital anomalies of the musculoskeletal system

1.9. Other and Unspecified

- Bardet-Biedl syndrome
- Fragile X syndrome

2. Chromosomal Anomalies

- Angelman syndrome
- Cri-du-Chat syndrome
- DiGeorge syndrome (Velo-cardio-facial syndrome)
- Kleinfelter syndrome
- Prader-Willi syndrome
- Trisomy 21 (Down syndrome)
- Trisomy 13 (Patau syndrome)
- Trisomy 18 (Edwards syndrome)
- Turner syndrome
- Williams syndrome
- Other chromosomal anomalies such as microdeletions and duplications

3. Infectious Conditions

3.1. Congenital Infections

- HIV/AIDS
- Syphilis
- TORCH:
  - Toxoplasmosis
  - Other agents
  - Rubella
  - Cytomegalovirus
  - Herpes simplex
- Cytomegalovirus (CMV)
- Other congenital infections such as Zika

3.2. Acquired Infections

- Bacterial meningitis
- Encephalitis
- Poliomyelitis
- Viral meningitis

4. Endocrine/Metabolic Disorders

4.1. Mucopolysaccharidosis

- Hunter syndrome
- Hurler syndrome
- Maroteaux-Lamy syndrome
- Sanfilippo syndrome
- Scheie syndrome
- Sly syndrome

4.2. Enzyme Deficiency

- Biotinidase deficiency
- Medium-chain acyl-CoA dehydrogenase deficiency (MCAD)
- Oculocerebrorenal syndrome (Lowe syndrome)

Note: The Endocrine/Metabolic Disorders Category also includes all disorders tested for in the Michigan Newborn Screening Program.

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4.3. Abnormalities of Amino Acid Metabolism
- Argininosuccinic aciduria/Citrullinemia
- Homocystinuria
- Infant Phenylketonuria (PKU)
- Maple syrup urine disease
- Methylmalonic acidemia (MMA)
- Ornithine transcarbamylase (OTC) deficiency

4.4. Abnormalities of Carbohydrate Metabolism
- Galactosemia
- Glycogen storage disease
- Pompe disease

4.5. Abnormalities of Lipid Metabolism
- Gaucher disease
- Niemann-Pick disease

4.6. Abnormalities of the Purine/Pyrimidine Metabolism
- Lesch Nyhan syndrome

4.7. Abnormalities of the Parathyroid
- Untreated hyperparathyroidism
- Untreated hypoparathyroidism

4.8. Abnormalities of the Pituitary
- Hyperpituitary
- Hypopituitary

4.9. Abnormalities of Adrenocortical Function
- Congenital adrenal hyperplasia
- Hyperadrenocortical function
- Hypoadrenocortical function

4.10. Hemoglobinopathies
- Sickle cell disease
- Thalassemia (major and minor)

4.11 Abnormalities of the Thyroid Hormone
- Congenital hypothyroidism

4.12. Peroxisomal Disorders
- Adrenoleukodystrophy (ALD)
- Cerebrohepatorenal syndrome (Zellweger syndrome)
- Peroxisomal biogenesis disorders
- Rhizomelic chondrodysplasia punctata

5. **Other Disorders/Diseases**

5.1. Neurological Disorders

5.1.a Neuromotor/Muscle Disorders
- Cerebral palsy
- Congenital myasthenia
- Kernicterus
- Muscular dystrophies
- Paralysis
- Periventricular leukomalacia
- Spinal muscular atrophy
- Torticollis

5.1.b. Cerebrovascular Disease
- Cerebral arterial thrombosis
- Cerebral embolus thrombosis
- Cerebral venous thrombosis

5.1.c. Brain Hemorrhages
- Intracranial hemorrhage
- Intraventricular hemorrhage (grades 3 & 4)

5.1.d. Degenerative Disorders
- Acute disseminated encephalomyelitis
- Cockayne syndrome
- Friedreich's ataxia
- Gangliosidosis
- Leigh's disease
- Leukodystrophy
- Schilder's disease
- Tay-Sachs disease

5.1.e. Neurocutaneous Disorders
- Ectodermal dysplasia
- Incontinentia pigmenti
- Neurofibromatosis
- Sturge-Weber syndrome
- Tuberous sclerosis
- Xeroderma pigmentosa

5.1.f. Malignancies
- Intracranial tumors and other malignancies of the central nervous system

5.1.g. Head and Spinal Cord Trauma
- Fracture of vertebral column with or without spinal cord lesions
- Shaken baby syndrome
- Traumatic brain injury

5.1.h. Hypoxic/Anoxic Brain Injury
- Hypoxic ischemic encephalopathy (newborn encephalopathy)
- Near drowning

5.2. Vision Impairment
- Amblyopia
- Cortical visual impairment (CVI)
- Low vision (20/70)
- Nystagmus

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- Retinopathy of prematurity (ROP) (stage 3 - stage 5)
- Visual field loss

6. **Hearing Deficiency**
- Auditory neuropathy
- Bilateral or unilateral hearing loss of ≥ 25 dB at 2+ frequencies between 500-4000 Hz
- Mixed hearing loss
- Permanent conductive hearing loss
- Sensorineural hearing loss
- Waardenburg syndrome

7. **Other Fetal/Placental Anomalies**
- Twin to twin transfusion syndrome
- Umbilical cord prolapse

8. **Exposures Affecting Fetus/Child**

8.1. Prenatal
- Fetal alcohol exposure
- Fetal drug exposure
- Diagnosed maternal phenylketonuria (PKU)

8.2. Postnatal
- Lead – venous blood lead level at or above reference value recommended by the CDC (currently 5 µg/dL)*
- Following CDC recommendations for mercury and other neurotoxic chemicals diagnosed at elevated exposure levels

*MDHHS rounds values 4.5 or greater to 5 µg/dL

9. **Chronic Illness**

9.1. Medically Fragile
- Renal insufficiency

9.2. Medical Illness
- Bronchopulmonary dysplasia
- Cancer
- Chronic hepatitis
- Connective tissue disorders
- Cystic fibrosis
- Diabetes
- Immune disorders (ex. juvenile arthritis)
- Failure to thrive
- Renal failure
- Very low birth weight (<1500 grams or 3.3 lbs.)
- Chronic asthma – moderate to severe
- Intrauterine growth restriction (IUGR)
- Small for gestational age (<10% weight for age) (SGA)

10. **Developmental Delay**

10.1. Pervasive Developmental Disorders
- Autism spectrum disorder
- Childhood disintegrative disorder

10.2. Rett Syndrome

10.3. Regulatory Disorders of Sensory Processing
- Hyposensitive/ hypersensitive
- Sensory seeking/ impulsive

11. **Mental Health Conditions**
- Adjustment disorders
- Depression of infancy and early childhood
- Diagnosed regulatory disorders
- Disorders of affect
- Maltreatment/deprivation disorder
- Mixed disorders of emotional expressiveness
- Post-traumatic stress disorder (PTSD)

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