COUNTY CONTRIBUTION OF CHILDREN WHO WERE SCREENED BY THE AGES & STAGES QUESTIONAIRE-3

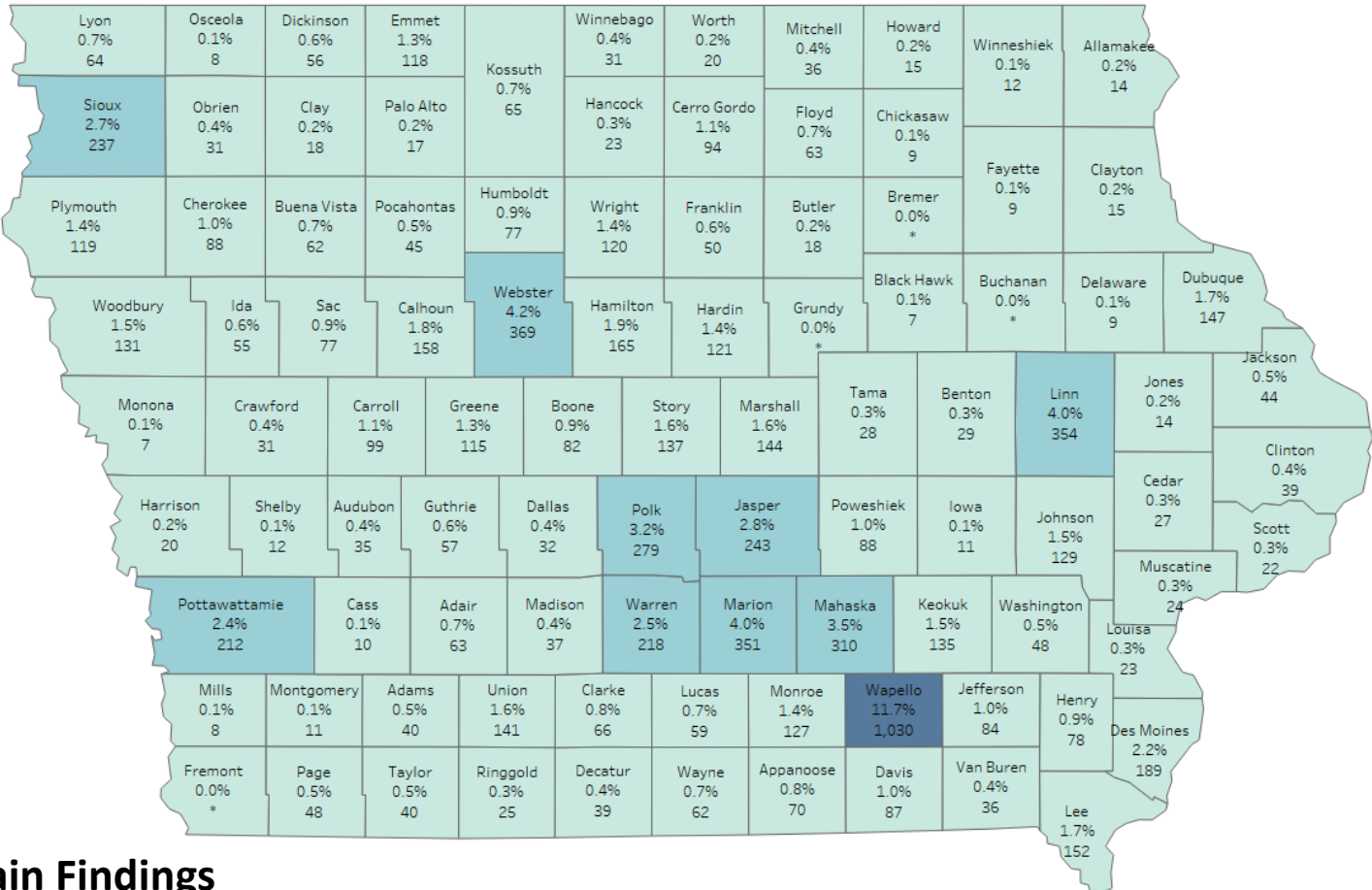*Data Source: Signify 2018-2020*

Indicator

The county contribution of children (age 9-30 months) who were assessed with the ASQ-3 developmental screening tool. Darker the county signifies the county screened a larger number of children with ASQ-3.

Data Source

Signify data provides information on Medicaid and uninsured children who were screened with the ASQ-3 developmental screening tool. There are five categories that are assessed: 1) Communication, 2) Gross Motor, 3) Fine Motor, 4) Problem Solving, & 5) Personal Social.

STATE TOTAL: 8,765 children

County	%	Count
Lyon	0.7%	64
Osceola	0.1%	8
Dickinson	0.6%	56
Emmet	1.3%	118
Kossuth	0.7%	65
Winnebago	0.4%	31
Worth	0.2%	20
Mitchell	0.4%	36
Howard	0.2%	15
Winneshiek	0.1%	12
Allamakee	0.2%	14
Sioux	2.7%	237
Obrien	0.4%	31
Clay	0.2%	18
Palo Alto	0.2%	17
Hancock	0.3%	23
Cerro Gordo	1.1%	94
Floyd	0.7%	63
Chickasaw	0.1%	9
Fayette	0.1%	9
Clayton	0.2%	15
Plymouth	1.4%	119
Cherokee	1.0%	88
Buena Vista	0.7%	62
Pocahontas	0.5%	45
Humboldt	0.9%	77
Wright	1.4%	120
Franklin	0.6%	50
Butler	0.2%	18
Bremer	0.0%	*
Black Hawk	0.1%	7
Buchanan	0.0%	*
Delaware	0.1%	9
Dubuque	1.7%	147
Woodbury	1.5%	131
Ida	0.6%	55
Sac	0.9%	77
Calhoun	1.8%	158
Webster	4.2%	369
Hamilton	1.9%	165
Hardin	1.4%	121
Grundy	0.0%	*
Jackson	0.5%	44
Monona	0.1%	7
Crawford	0.4%	31
Carroll	1.1%	99
Greene	1.3%	115
Boone	0.9%	82
Story	1.6%	137
Marshall	1.6%	144
Tama	0.3%	28
Benton	0.3%	29
Linn	4.0%	354
Jones	0.2%	14
Clinton	0.4%	39
Harrison	0.2%	20
Shelby	0.1%	12
Audubon	0.4%	35
Guthrie	0.6%	57
Dallas	0.4%	32
Polk	3.2%	279
Jasper	2.8%	243
Poweshiek	1.0%	88
Iowa	0.1%	11
Johnson	1.5%	129
Cedar	0.3%	27
Scott	0.3%	22
Pottawattamie	2.4%	212
Cass	0.1%	10
Adair	0.7%	63
Madison	0.4%	37
Warren	2.5%	218
Marion	4.0%	351
Mahaska	3.5%	310
Keokuk	1.5%	135
Washington	0.5%	48
Muscatine	0.3%	24
Louisa	0.3%	23
Mills	0.1%	8
Montgomery	0.1%	11
Adams	0.5%	40
Union	1.6%	141
Clarke	0.8%	66
Lucas	0.7%	59
Monroe	1.4%	127
Wapello	11.7%	1,030
Jefferson	1.0%	84
Henry	0.9%	78
Des Moines	2.2%	189
Fremont	0.0%	*
Page	0.5%	48
Taylor	0.5%	40
Ringgold	0.3%	25
Decatur	0.4%	39
Wayne	0.7%	62
Appanoose	0.8%	70
Davis	1.0%	87
Van Buren	0.4%	36
Lee	1.7%	152

Main Findings

Four out of ten children assessed with ASQ-3 developmental screening tool were form Rural areas followed by Micropolitan. Only 25% of children screened were from Metropolitan counties. Wapello County contributed the largest amount of children who were screened with ASQ-3 (11.7%) followed by Webster (4.2%), Linn (4.0%), and Marion (4.0%). There also appears to be a cluster stemming from Polk to Wapello County performing a larger number of developmental screens when compared to other parts of the state.

PROPORTION OF COUNTY CHILDREN WHO WERE BELOW THE CUTOFF FOR COMMUNICATION

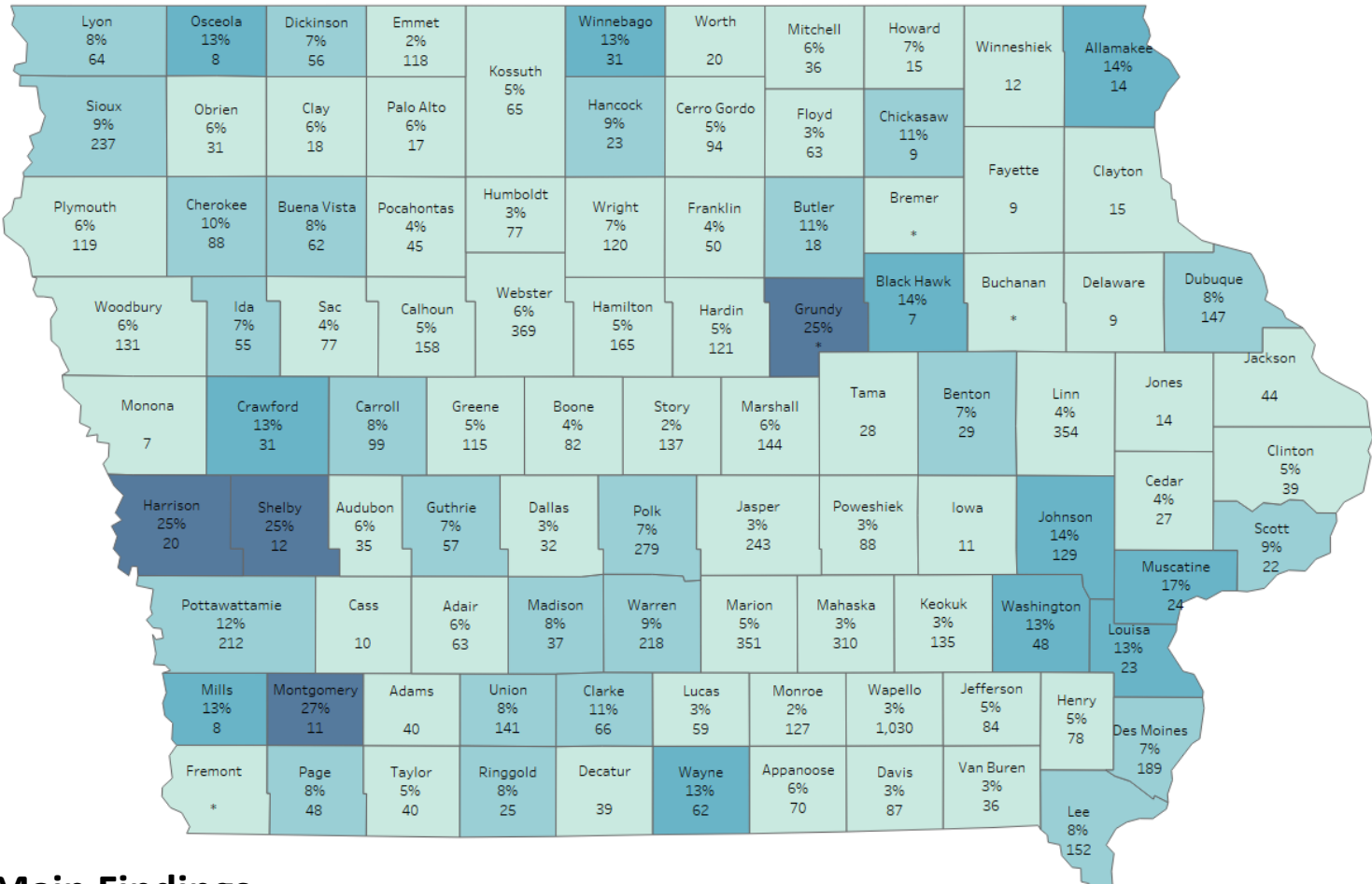*Data Source: Signify 2018-2020*

Indicator

The proportion of children (age 9-30 months) who scored below the cutoff for communication.

Data Source

Signify data provides information on Medicaid and uninsured children who were screened with the ASQ-3 developmental screening tool. Limitation: Sample size is very small in some counties making it difficult to evaluate developmental outcomes.

STATE TOTAL: (5.8%) 8,765 children

County	%	Count
Lyon	8%	64
Osceola	13%	8
Dickinson	7%	56
Emmet	2%	118
Kossuth	5%	65
Winnebago	13%	31
Worth		20
Mitchell	6%	36
Howard	7%	15
Winneshiek		12
Allamakee	14%	14
Sioux	9%	237
Obrien	6%	31
Clay	6%	18
Palo Alto	6%	17
Hancock	9%	23
Cerro Gordo	5%	94
Floyd	3%	63
Chickasaw	11%	9
Fayette		9
Clayton		15
Plymouth	6%	119
Cherokee	10%	88
Buena Vista	8%	62
Pocahontas	4%	45
Humboldt	3%	77
Wright	7%	120
Franklin	4%	50
Butler	11%	18
Bremer		*
Black Hawk	14%	7
Buchanan		*
Delaware		9
Dubuque	8%	147
Woodbury	6%	131
Ida	7%	55
Sac	4%	77
Calhoun	5%	158
Webster	6%	369
Hamilton	5%	165
Hardin	5%	121
Grundy	25%	*
Jackson		44
Monona		7
Crawford	13%	31
Carroll	8%	99
Greene	5%	115
Boone	4%	82
Story	2%	137
Marshall	6%	144
Tama		28
Benton	7%	29
Linn	4%	354
Jones		14
Clinton	5%	39
Harrison	25%	20
Shelby	25%	12
Audubon	6%	35
Guthrie	7%	57
Dallas	3%	32
Polk	7%	279
Jasper	3%	243
Poweshiek	3%	88
Iowa		11
Johnson	14%	129
Cedar	4%	27
Scott	9%	22
Muscatine	17%	24
Pottawattamie	12%	212
Cass		10
Adair	6%	63
Madison	8%	37
Warren	9%	218
Marion	5%	351
Mahaska	3%	310
Keokuk	3%	135
Washington	13%	48
Louisa	13%	23
Mills	13%	8
Montgomery	27%	11
Adams		40
Union	8%	141
Clarke	11%	66
Lucas	3%	59
Monroe	2%	127
Wapello	3%	1,030
Jefferson	5%	84
Henry	5%	78
Des Moines	7%	189
Fremont		*
Page	8%	48
Taylor	5%	40
Ringgold	8%	25
Decatur		39
Wayne	13%	62
Appanoose	6%	70
Davis	3%	87
Van Buren	3%	36
Lee	8%	152

Main Findings

From 2018-2020, 5.8% of the children screened with the ASQ-3 screening tool were below the cutoff for communication. Pottawattamie, Sioux, Polk, Warren, Johnson, Des Moines, & Lee all have higher contributions of children who were below the cutoff and higher proportions (*map*). Males (7.9%) had a higher percentage who were below the cutoff than females (3.5%). Black/ African American males had the highest percentage below cutoff (13%). *Note: Some counties that are shaded darker are being skewed due to low denominators. * Indicates suppressed value.*

PROPORTION OF COUNTY CHILDREN WHO WERE BELOW THE CUTOFF FOR PROBLEM SOLVING

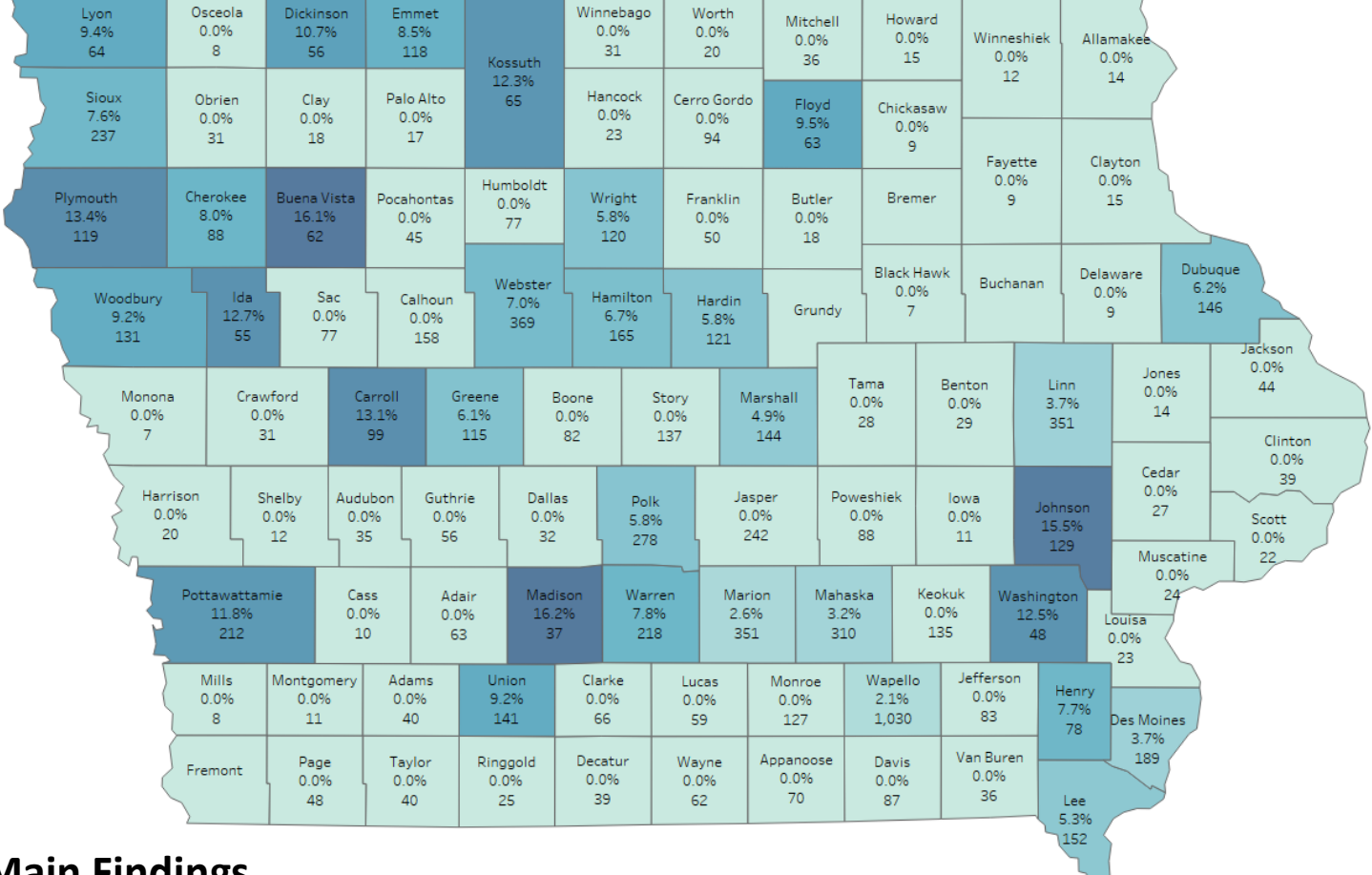*Data Source: Signify 2018-2020*

Indicator

The proportion of children (age 9-30 months) who scored below the cutoff for problem solving.

Data Source

Signify data provides information on Medicaid and uninsured children who were screened with the ASQ-3 developmental screening tool. Limitation: Sample size is very small in some counties making it difficult to evaluate developmental outcomes.

STATE TOTAL: (5.7%) 8,765 children

County	%	N
Lyon	9.4%	64
Osceola	0.0%	8
Dickinson	10.7%	56
Emmet	8.5%	118
Kossuth	12.3%	65
Winnebago	0.0%	31
Worth	0.0%	20
Mitchell	0.0%	36
Howard	0.0%	15
Winneshiek	0.0%	12
Allamakee	0.0%	14
Sioux	7.6%	237
Obrien	0.0%	31
Clay	0.0%	18
Palo Alto	0.0%	17
Hancock	0.0%	23
Cerro Gordo	0.0%	94
Floyd	9.5%	63
Chickasaw	0.0%	9
Fayette	0.0%	9
Clayton	0.0%	15
Plymouth	13.4%	119
Cherokee	8.0%	88
Buena Vista	16.1%	62
Pocahontas	0.0%	45
Humboldt	0.0%	77
Wright	5.8%	120
Franklin	0.0%	50
Butler	0.0%	18
Bremer		
Black Hawk	0.0%	7
Buchanan		
Delaware	0.0%	9
Dubuque	6.2%	146
Woodbury	9.2%	131
Ida	12.7%	55
Sac	0.0%	77
Calhoun	0.0%	158
Webster	7.0%	369
Hamilton	6.7%	165
Hardin	5.8%	121
Grundy		
Jackson	0.0%	44
Monona	0.0%	7
Crawford	0.0%	31
Carroll	13.1%	99
Greene	6.1%	115
Boone	0.0%	82
Story	0.0%	137
Marshall	4.9%	144
Tama	0.0%	28
Benton	0.0%	29
Linn	3.7%	351
Jones	0.0%	14
Clinton	0.0%	39
Harrison	0.0%	20
Shelby	0.0%	12
Audubon	0.0%	35
Guthrie	0.0%	56
Dallas	0.0%	32
Polk	5.8%	278
Jasper	0.0%	242
Poweshiek	0.0%	88
Iowa	0.0%	11
Johnson	15.5%	129
Cedar	0.0%	27
Scott	0.0%	22
Muscatine	0.0%	24
Pottawattamie	11.8%	212
Cass	0.0%	10
Adair	0.0%	63
Madison	16.2%	37
Warren	7.8%	218
Marion	2.6%	351
Mahaska	3.2%	310
Keokuk	0.0%	135
Washington	12.5%	48
Louisa	0.0%	23
Mills	0.0%	8
Montgomery	0.0%	11
Adams	0.0%	40
Union	9.2%	141
Clarke	0.0%	66
Lucas	0.0%	59
Monroe	0.0%	127
Wapello	2.1%	1,030
Jefferson	0.0%	83
Henry	7.7%	78
Des Moines	3.7%	189
Fremont		
Page	0.0%	48
Taylor	0.0%	40
Ringgold	0.0%	25
Decatur	0.0%	39
Wayne	0.0%	62
Appanoose	0.0%	70
Davis	0.0%	87
Van Buren	0.0%	36
Lee	5.3%	152

Main Findings

From 2018-2020, 5.7% of the children screened with the ASQ-3 screening tool were below the cutoff for problem solving. Pottawattamie, Webster, Polk, Johnson, Sioux, Warren, and Plymouth all have higher contributions of children who were below the cutoff and higher proportions (*map*). Males had a higher percentage who were below the cutoff than females. Black/African American males had the highest percentage below cutoff for problem solving (9%). *Note: Some counties that are shaded darker are being skewed due to low denominators. * Indicates suppressed value.*

PROPORTION OF COUNTY CHILDREN WHO WERE BELOW THE CUTOFF FOR GROSS MOTOR

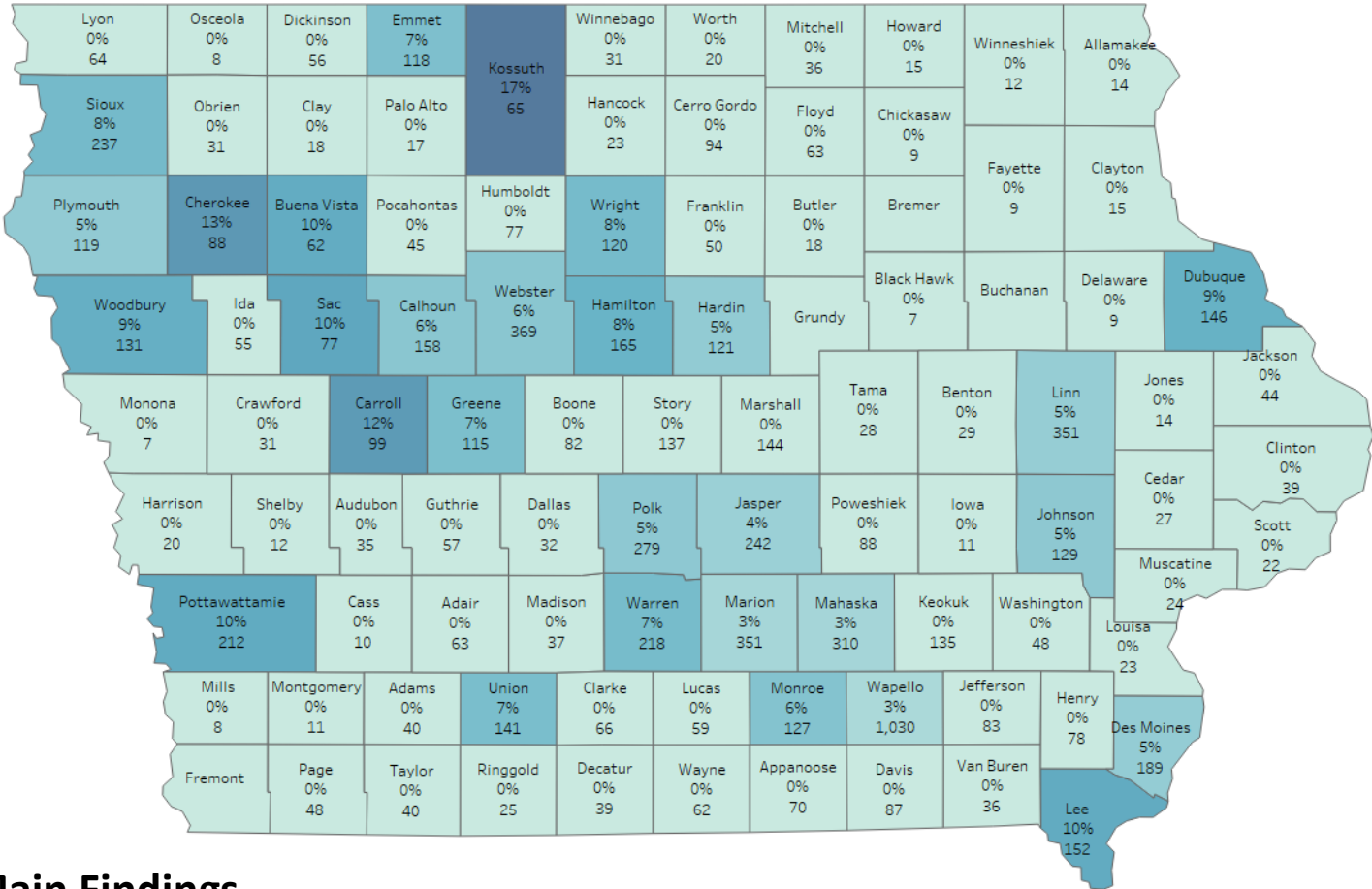*Data Source: Signify 2018-2020*

Indicator

The proportion of children (age 9-30 months) who scored below the cutoff for gross motor.

Data Source

Signify data provides information on Medicaid and uninsured children who were screened with the ASQ-3 developmental screening tool. Limitation: Sample size is very small in some counties making it difficult to evaluate developmental outcomes.

STATE TOTAL: (5.5%) 8,765 children

Map of Iowa counties showing proportion below cutoff for gross motor:

County	%	N
Lyon	0%	64
Osceola	0%	8
Dickinson	0%	56
Emmet	7%	118
Kossuth	17%	65
Winnebago	0%	31
Worth	0%	20
Mitchell	0%	36
Howard	0%	15
Winneshiek	0%	12
Allamakee	0%	14
Sioux	8%	237
Obrien	0%	31
Clay	0%	18
Palo Alto	0%	17
Hancock	0%	23
Cerro Gordo	0%	94
Floyd	0%	63
Chickasaw	0%	9
Fayette	0%	9
Clayton	0%	15
Plymouth	5%	119
Cherokee	13%	88
Buena Vista	10%	62
Pocahontas	0%	45
Humboldt	0%	77
Wright	8%	120
Franklin	0%	50
Butler	0%	18
Bremer		
Black Hawk	0%	7
Buchanan		
Delaware	0%	9
Dubuque	9%	146
Woodbury	9%	131
Ida	0%	55
Sac	10%	77
Calhoun	6%	158
Webster	6%	369
Hamilton	8%	165
Hardin	5%	121
Grundy		
Jackson	0%	44
Monona	0%	7
Crawford	0%	31
Carroll	12%	99
Greene	7%	115
Boone	0%	82
Story	0%	137
Marshall	0%	144
Tama	0%	28
Benton	0%	29
Linn	5%	351
Jones	0%	14
Clinton	0%	39
Harrison	0%	20
Shelby	0%	12
Audubon	0%	35
Guthrie	0%	57
Dallas	0%	32
Polk	5%	279
Jasper	4%	242
Poweshiek	0%	88
Iowa	0%	11
Johnson	5%	129
Cedar	0%	27
Scott	0%	22
Muscatine	0%	24
Pottawattamie	10%	212
Cass	0%	10
Adair	0%	63
Madison	0%	37
Warren	7%	218
Marion	3%	351
Mahaska	3%	310
Keokuk	0%	135
Washington	0%	48
Louisa	0%	23
Mills	0%	8
Montgomery	0%	11
Adams	0%	40
Union	7%	141
Clarke	0%	66
Lucas	0%	59
Monroe	6%	127
Wapello	3%	1,030
Jefferson	0%	83
Henry	0%	78
Des Moines	5%	189
Fremont		
Page	0%	48
Taylor	0%	40
Ringgold	0%	25
Decatur	0%	39
Wayne	0%	62
Appanoose	0%	70
Davis	0%	87
Van Buren	0%	36
Lee	10%	152

Main Findings

From 2018-2020, 5.5% of the children screened with the ASQ-3 screening tool were below the cutoff for gross motor skills. Pottawattamie, Webster, Polk, Sioux, Warren, Lee, Hamilton, Dubuque, and Woodbury County all have higher contributions of children who were below the cutoff and higher proportions (*map*). White (Not Hispanic) males & females had the highest percentage below the cutoff for Gross Motor (~6%).

Note: Some counties that are shaded darker are being skewed due to low denominators.

PROPORTION OF COUNTY CHILDREN WHO WERE BELOW THE CUTOFF FOR PERSONAL-SOCIAL

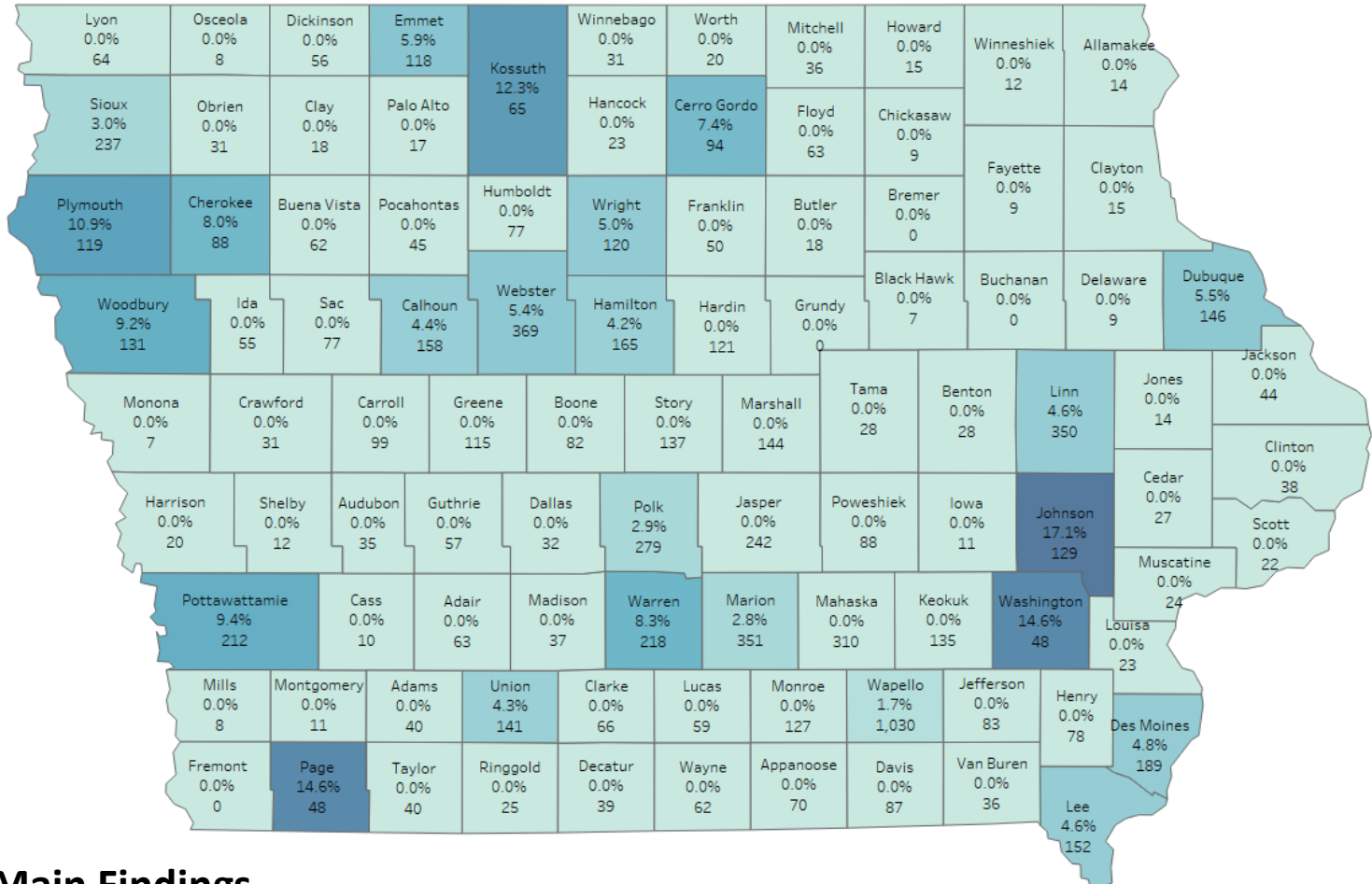*Data Source: Signify 2018-2020*

Indicator

The proportion of children (age 9-30 months) who scored below the cutoff for personal-social.

Data Source

Signify data provides information on Medicaid and uninsured children who were screened with the ASQ-3 developmental screening tool. Limitation: Sample size is very small in some counties making it difficult to evaluate developmental outcomes.

STATE TOTAL: (4.5%) 8,765 children

County	%	n
Lyon	0.0%	64
Osceola	0.0%	8
Dickinson	0.0%	56
Emmet	5.9%	118
Kossuth	12.3%	65
Winnebago	0.0%	31
Worth	0.0%	20
Mitchell	0.0%	36
Howard	0.0%	15
Winneshiek	0.0%	12
Allamakee	0.0%	14
Sioux	3.0%	237
Obrien	0.0%	31
Clay	0.0%	18
Palo Alto	0.0%	17
Hancock	0.0%	23
Cerro Gordo	7.4%	94
Floyd	0.0%	63
Chickasaw	0.0%	9
Fayette	0.0%	9
Clayton	0.0%	15
Plymouth	10.9%	119
Cherokee	8.0%	88
Buena Vista	0.0%	62
Pocahontas	0.0%	45
Humboldt	0.0%	77
Wright	5.0%	120
Franklin	0.0%	50
Butler	0.0%	18
Bremer	0.0%	0
Black Hawk	0.0%	7
Buchanan	0.0%	0
Delaware	0.0%	9
Dubuque	5.5%	146
Woodbury	9.2%	131
Ida	0.0%	55
Sac	0.0%	77
Calhoun	4.4%	158
Webster	5.4%	369
Hamilton	4.2%	165
Hardin	0.0%	121
Grundy	0.0%	0
Jackson	0.0%	44
Monona	0.0%	7
Crawford	0.0%	31
Carroll	0.0%	99
Greene	0.0%	115
Boone	0.0%	82
Story	0.0%	137
Marshall	0.0%	144
Tama	0.0%	28
Benton	0.0%	28
Linn	4.6%	350
Jones	0.0%	14
Clinton	0.0%	38
Harrison	0.0%	20
Shelby	0.0%	12
Audubon	0.0%	35
Guthrie	0.0%	57
Dallas	0.0%	32
Polk	2.9%	279
Jasper	0.0%	242
Poweshiek	0.0%	88
Iowa	0.0%	11
Johnson	17.1%	129
Cedar	0.0%	27
Scott	0.0%	22
Muscatine	0.0%	24
Pottawattamie	9.4%	212
Cass	0.0%	10
Adair	0.0%	63
Madison	0.0%	37
Warren	8.3%	218
Marion	2.8%	351
Mahaska	0.0%	310
Keokuk	0.0%	135
Washington	14.6%	48
Louisa	0.0%	23
Mills	0.0%	8
Montgomery	0.0%	11
Adams	0.0%	40
Union	4.3%	141
Clarke	0.0%	66
Lucas	0.0%	59
Monroe	0.0%	127
Wapello	1.7%	1,030
Jefferson	0.0%	83
Henry	0.0%	78
Des Moines	4.8%	189
Fremont	0.0%	0
Page	14.6%	48
Taylor	0.0%	40
Ringgold	0.0%	25
Decatur	0.0%	39
Wayne	0.0%	62
Appanoose	0.0%	70
Davis	0.0%	87
Van Buren	0.0%	36
Lee	4.6%	152

Main Findings

From 2018-2020, 4.5% of the children screened with the ASQ-3 screening tool were below the cutoff for personal-social. Johnson, Pottawattamie, Warren, and Plymouth County all have higher contributions of children who were below the cutoff and higher proportions (*map*). Males (5.7%) had a higher percentage who were below the cutoff than females (3.3%). Black/African American males had the highest percentage below the cutoff for personal-social (10.2%).

Note: Some counties that are shaded darker are being skewed due to low denominators.

PROPORTION OF COUNTY CHILDREN WHO WERE BELOW THE CUTOFF FOR FINE MOTOR

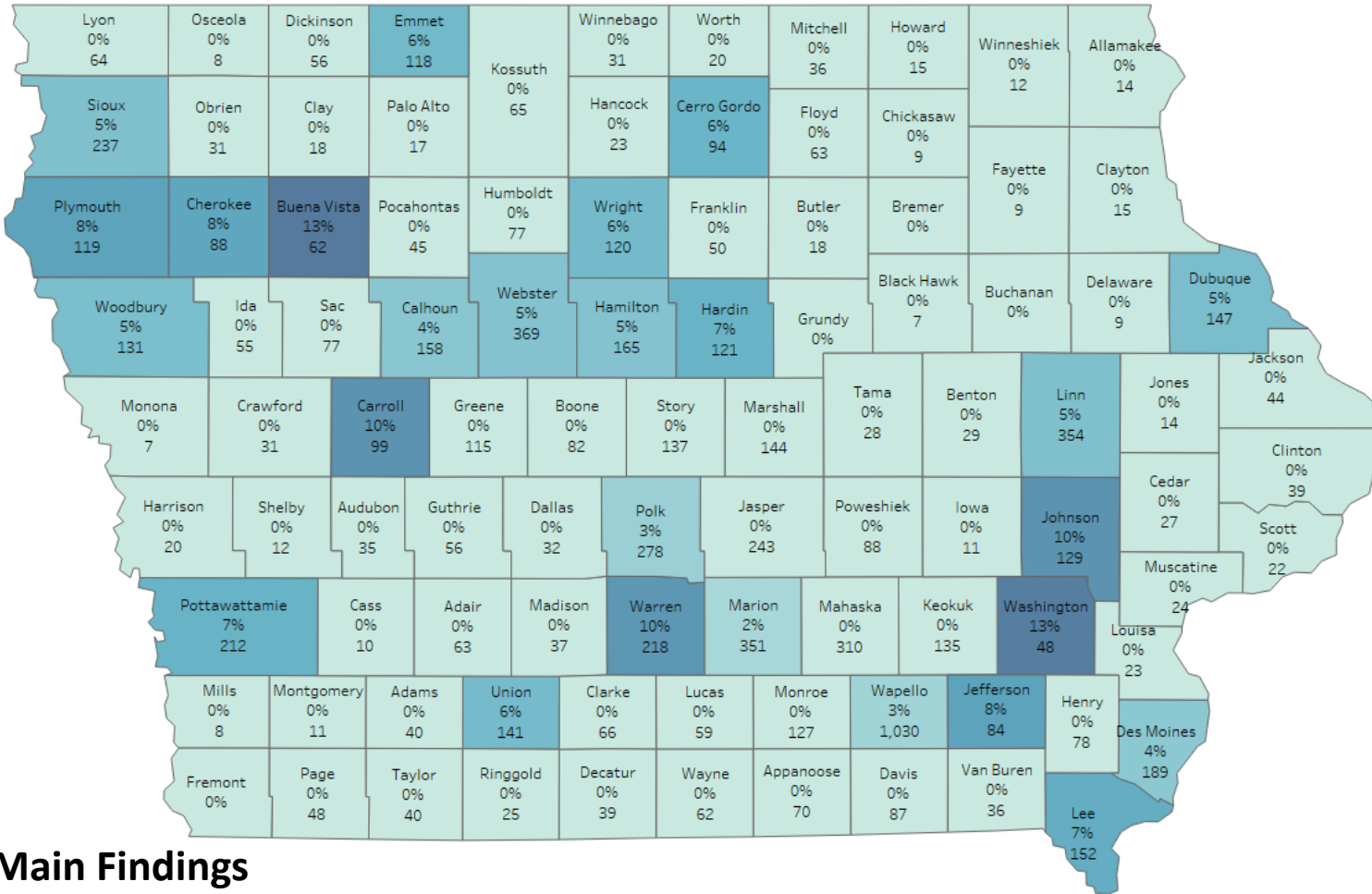*Data Source: Signify 2018-2020*

Indicator

The proportion of children (age 9-30 months) who scored below the cutoff for fine motor.

Data Source

Signify data provides information on Medicaid and uninsured children who were screened with the ASQ-3 developmental screening tool. Limitation: Sample size is very small in some counties making it difficult to evaluate developmental outcomes.

STATE TOTAL: (4.7%) 8,765 children

County	%	n
Lyon	0%	64
Osceola	0%	8
Dickinson	0%	56
Emmet	6%	118
Kossuth	0%	65
Winnebago	0%	31
Worth	0%	20
Mitchell	0%	36
Howard	0%	15
Winneshiek	0%	12
Allamakee	0%	14
Sioux	5%	237
Obrien	0%	31
Clay	0%	18
Palo Alto	0%	17
Hancock	0%	23
Cerro Gordo	6%	94
Floyd	0%	63
Chickasaw	0%	9
Fayette	0%	9
Clayton	0%	15
Plymouth	8%	119
Cherokee	8%	88
Buena Vista	13%	62
Pocahontas	0%	45
Humboldt	0%	77
Wright	6%	120
Franklin	0%	50
Butler	0%	18
Bremer	0%	
Black Hawk	0%	7
Buchanan	0%	
Delaware	0%	9
Dubuque	5%	147
Woodbury	5%	131
Ida	0%	55
Sac	0%	77
Calhoun	4%	158
Webster	5%	369
Hamilton	5%	165
Hardin	7%	121
Grundy	0%	
Jackson	0%	44
Monona	0%	7
Crawford	0%	31
Carroll	10%	99
Greene	0%	115
Boone	0%	82
Story	0%	137
Marshall	0%	144
Tama	0%	28
Benton	0%	29
Linn	5%	354
Jones	0%	14
Clinton	0%	39
Harrison	0%	20
Shelby	0%	12
Audubon	0%	35
Guthrie	0%	56
Dallas	0%	32
Polk	3%	278
Jasper	0%	243
Poweshiek	0%	88
Iowa	0%	11
Johnson	10%	129
Cedar	0%	27
Scott	0%	22
Muscatine	0%	24
Pottawattamie	7%	212
Cass	0%	10
Adair	0%	63
Madison	0%	37
Warren	10%	218
Marion	2%	351
Mahaska	0%	310
Keokuk	0%	135
Washington	13%	48
Louisa	0%	23
Mills	0%	8
Montgomery	0%	11
Adams	0%	40
Union	6%	141
Clarke	0%	66
Lucas	0%	59
Monroe	0%	127
Wapello	3%	1,030
Jefferson	8%	84
Henry	0%	78
Des Moines	4%	189
Fremont	0%	
Page	0%	48
Taylor	0%	40
Ringgold	0%	25
Decatur	0%	39
Wayne	0%	62
Appanoose	0%	70
Davis	0%	87
Van Buren	0%	36
Lee	7%	152

Main Findings

From 2018-2020, 4.7% of the children screened with the ASQ-3 screening tool were below the cutoff for fine motor skills. Warren, Linn, Johnson, Pottawattamie, Sioux, and Lee County all have higher contributions of children who were below the cutoff and higher proportions (*map*). Males (5.5%) had a higher percentage who were below the cutoff than females (3.9%). Black/African American males had the highest percentage below the cutoff for Fine Motor (7.8%).

Note: Some counties that are shaded darker are being skewed due to low denominators.