

Healthy Iowans 2017-2021

Iowa's Health Improvement Plan



Life Course

REVISED August 2019



Coordinated by the
Bureau of Public Health Performance
Iowa Department of Public Health



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FOCUS AREA: Life Course

What Health Issues Are Included

Maternal, Infant, and Early & Middle Childhood; Adolescence; Early, Middle, and Older Adulthood

Life Course Measures of Health Improvement

Additional life course measures are included in other focus areas with measures for specific age groups

LC-1 Decrease ↓ the teen birth rate.*

<u>Overall ☺</u> Target: 17 Baseline: 18.5 [2014-2016] Newest: 17 [2015-2017]≈7%↓ decrease	<u>American Indian / Alaska Native ☺</u> Target: 29 Baseline: 31 [2014-2016] Newest: 29 [2015-2017]≈5%↓ decrease
<u>Hispanic / Latino ☺</u> Target: 39 Baseline: 42 [2014-2016] Newest: 39 [2015-2017]≈7%↓ decrease	<u>Non-Hispanic Black ☺</u> Target: 39 Baseline: 42 [2014-2016] Newest: 40 [2015-2017]≈4%↓ decrease

Data Source: United States Department of Health and Human Services (US DHHS), Centers for Disease Control and Prevention (CDC), National Center for Health Statistics (NCHS), Division of Vital Statistics (DVS), Natality public-use data on CDC WONDER Online Database. <https://wonder.cdc.gov/natality.html>

* Rate of total number of births to women ages 15-19 per 1,000 female population ages 15-19.

LC-2 Decrease ↓ the percentage of children born with low birthweight (less than 2,500 grams).

<u>Overall ☺</u> Target: 6% Baseline: 6.75% [2016] Newest: 6.6% [2017]≈3%↓ decrease	<u>Non-Hispanic Black ☺</u> Target: 11% Baseline: 12% [2016] Newest: 11% [2017]≈2%↓ decrease
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Data Source: US DHHS, CDC, NCHS, DVS, Natality public-use data on CDC WONDER Online Database. <https://wonder.cdc.gov/natality.html>

LC-3 Decrease ↓ the infant mortality rate (number of infant deaths before age one per 1,000 live births).

<u>Overall ☹</u> Target: 4 Baseline: 4.4 [2013-2015] Newest: 5.0 [2014-16]≈13%↑ increase	<u>Mother ages 15-19 ☺</u> Target: 7 Baseline: 8.3 [2013-2015] Newest: 7.8 [2014-16]≈6%↓ decrease	<u>Non-Hispanic Black ☹</u> Target: 8 Baseline: 8.5 [2013-2015] Newest: 9.7 [2014-16]≈14%↑ increase
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Data Source: US DHHS, CDC, NCHS, DVS. Linked Birth / Infant Death Records as compiled from data provided by the 57 vital statistics jurisdictions through the Vital Statistics Cooperative Program, on CDC WONDER Online Database. <https://wonder.cdc.gov/lbd.html>

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LC-4 Decrease ↓ the child and teen death rates (number of deaths per 100,000 youth ages 1-19).Overall, ages 1-19 ☹️

Target: 23

Baseline: 24.5 (192 deaths) [2016]

Newest: 27 (212 deaths) [2017]≈10%↑ increase

Black or African American, non-Hispanic, ages 1-19 ☹️

Target: 46

Baseline: 49 (25 deaths) [2016]

Newest: 51 (27 deaths) [2017]≈4%↑ increase

Ages 5-9 ☹️

Target: 7

Baseline: 8 (17 deaths) [2016]

Newest: 12 (24 deaths) [2017]≈42%↑ increase

Ages 15-19 ☹️

Target: 38

Baseline: 41 (88 deaths) [2016]

Newest: 54 (115 deaths)[2017]≈31%↑ increase

Male, ages 1-19 ☹️

Target: 31

Baseline: 33 (131 deaths) [2016]

Newest: 36 (146 deaths) [2017]≈11%↑ increase

Ages 1-4 ☹️

Target: 27

Baseline: 29 (47 deaths) [2016]

Newest: 23 (37 deaths) [2017]≈21%↓ decrease

Ages 10-14 ☹️

Target: 18

Baseline: 20 (40 deaths) [2016]

Newest: 17 (36 deaths) [2017]≈11%↓ decrease

Data Source: CDC, NCHS. Multiple Cause of Death on CDC WONDER Online Database. Data are from the Multiple Cause of Death Files as compiled from data provided by the 57 vital statistics jurisdictions through the Vital Statistics Cooperative Program.

<https://wonder.cdc.gov/mcd.html>

LC-5 Decrease ↓ premature death (Years of Potential Life Lost (YPLL) Before Age 75) per 100,000 people (age-adjusted rate).Overall ☹️

Target: 5,881

Baseline: 6,191 [2016]

Newest: 6,065 [2017]≈2%↓ decrease

Black, non-Hispanic ☹️

Target: 10,717

Baseline: 11,282 [2016]

Newest: 11,047 [2017]≈2%↓ decrease

Male ☹️

Target: 7,307

Baseline: 7,692 [2016]

Newest: 7,601 [2017]≈1%↓ decrease

American Indian/Alaskan Native, non-Hispanic ☹️

Target: 9,140

Baseline: 9,622 [2016]

Newest: 14,795 [2017]≈54%↑ increase

Data Source: CDC. National Center for Injury Prevention and Control. WISQARS (Web-based Injury Statistics Query and Reporting System).

<https://www.cdc.gov/injury/wisqars/fatal.html>

LC-6 Increase ↑ the percentage of children in excellent or very good health.Overall (ages 0-17) ☹️

Target: 97%

Baseline: 92% [2016]

Newest: 91% [2017]≈1%↓ decrease

Data Source: Child and Adolescent Health Measurement Initiative www.cahmi.org. Data Resource Center for Child and Adolescent Health. National Survey of Children's Health. National Outcome Measure #19. <https://www.childhealthdata.org/browse/survey>

LC-7 Increase ↑ the percentage of adults in excellent or very good health.

Overall ☹

Target: 59%

Baseline: 55% [2016]

Newest: 51% [2017]≈7%↓ decrease

Hispanic ☹

Target: 39%

Baseline: 37% [2016]

Newest: 37% [2017]≈0%↔ no change

Black, non-Hispanic ☹

Target: 51%

Baseline: 48% [2016]

Newest: 43% [2017]≈11%↓ decrease

High School Graduate ☹

Target: 53%

Baseline: 50% [2016]

Newest: 45% [2017]≈11%↓ decrease

Adults with Disability* ☹

Target: 32%

Baseline: 30% [2016]

Newest: 24% [2017]≈20%↓ decrease

Data Source: CDC, National Center for Chronic Disease Prevention and Health Promotion, Division of Population Health. BRFSS Prevalence & Trends Data. <https://www.cdc.gov/brfss/brfssprevalence> *Additional IDPH analysis of national BRFSS data.

Income less than \$25,000 ☹

Target: 32%

Baseline: 30% [2016]

Newest: 27% [2017]≈11%↓ decrease

Income from \$25,000 to less than \$50,000 ☹

Target: 50%

Baseline: 47% [2016]

Newest: 45% [2017]≈6%↓ decrease

Data Source: CDC, National Center for Chronic Disease Prevention and Health Promotion, Division of Population Health. BRFSS Prevalence & Trends Data. Courtesy: UnitedHealth Foundation, America's Health Rankings.

<https://www.americashealthrankings.org/explore/annual/state/IA>

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Iowa Health Issue: LIFE COURSE - Maternal, Infant, and Early & Middle Childhood; Adolescence; Early, Middle, and Older Adulthood

Iowa Counties with Local Strategies

- Benton (vaccination of 2-year olds)
- Buchanan (asthma among youth, childhood lead testing, adult vaccination, vaccination of 2-year olds)
- Calhoun (chronic disease prevention in all age groups, youth/adult smoking & alcohol use, unintentional injury rates for adults/children, immunization & infectious disease, medical homes)
- Carroll (fall prevention in older adults & those with disabilities)
- Cerro Gordo (aging in place, asthma ages 5-64)
- Clinton (teenage pregnancy)
- Davis (senior care option & teen health),
- Delaware (vaccination of 19-35-month olds, pneumonia vaccination for 65+)
- Des Moines (violence prevention for youth)
- Fayette (resources for parents)
- Floyd (resources for parents)
- Greene (First Five program, low birthweight infants, teen births, access to elderly care, access to affordable child care)
- Hardin (lead screenings for children ages 6 & under)
- Henry (vaccination of 19-35-month olds)
- Howard (family wellness)
- Iowa (immunization rate of 24-month olds)
- Keokuk (home care for elderly, frail residents)
- Marshall (teenage pregnancy)
- Mills (positive parenting)
- Muscatine (early child development teenage births)
- Palo Alto (vaccination of 24-month olds)
- Pottawattamie (teenage pregnancy)
- Ringgold (prenatal care)
- Scott (school wellness policy)
- Taylor (children's immunization and older adults with disabilities)
- Van Buren (elderly services, prenatal care, well baby visits, lead screening for children ages 6 & under, immunization rates of 24-month olds)
- Wayne (preventive services for residents 50 & older)
- Webster (teenage pregnancy, parent education related to reproductive health, children with asthma, physical activity for 15 to 16-year olds, dental education for fifth graders, children with autism)
- Winnebago (physical activity for older adults & those with physical limitations)
- Woodbury (dental screening for kindergartners)
- Worth (supportive in-home services for elders)

These community health improvement plans are available on the Iowa Department of Public Health, Community Health Needs Assessment and Health Improvement Planning (CHNA&HIP) website: <https://idph.iowa.gov/chnahip/health-improvement-plans>

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LIFE COURSE - Maternal, Infant, and Early & Middle Childhood; Adolescence; Early, Middle, and Older Adulthood

Goal #1 Assure that children have a healthy start.

Alignment with National Plans

Healthy People 2020, Family Planning <https://www.healthypeople.gov/2020/topics-objectives/topic/family-planning>

Alignment with State / Other Plans

N/A

LIFE COURSE - Maternal, Infant, and Early & Middle Childhood; Adolescence; Early, Middle, and Older Adulthood

Objective 1-1	Reduce the number of pregnancies conceived within 18 months of a previous birth among low-income lowans from 33.4% to 30%.	Baseline Year	Baseline Value	Target Year	Target Value
		2014	33.4%	2021	30%

Data Source & Location | Iowa Department of Public Health, Vital Records special data request.

LIFE COURSE - Maternal, Infant, and Early & Middle Childhood; Adolescence; Early, Middle, and Older Adulthood

Strategy 1-1.1 Work with community based partners to educate their staff about the importance of pregnancy spacing and planning so that they, in turn, can educate their clients about the importance of pregnancy intention wherever an individual may access services.

Strategy Type

Community-focused

Strategy Source & Location

Through a network of Title X family planning providers in all 99 counties and Maternal and Child Health (MCH), Women, Infants, and Children (WIC), and Personal Responsibility Education Program (PREP) contractors

Who's Responsible

Iowa Department of Public Health and the Family Planning Council of Iowa; Iowa Department of Public Health MCH, PREP and WIC programs

Target Date

Jan 1, 2020

Report Date

Mar 27, 2019

Progress on Strategy

☒ Complete ☐ On track ☐ Off track ☐ No progress

Progress notes: The Title X training and education provided was on immediate postpartum long-acting reversible contraceptives (LARC) insertion as part of the ASTHO learning collaborative project that is now completed. Both Title X grantees contract with Federally Qualified Health Centers (FQHCs) for reproductive health services.

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Goal #2 Protect child health and water quality through pesticide reduction.

Alignment with National Plans

Healthy People 2020, Environmental Health, Objective 16

<https://www.healthypeople.gov/2020/topics-objectives/topic/environmental-health>

Alignment with State / Other Plans

N/A

LIFE COURSE - Maternal, Infant, and Early & Middle Childhood; Adolescence; Early, Middle, and Older Adulthood

Objective 2-1	Increase the number of institutional/public land owners (parks, child care centers, schools, churches, businesses, colleges, health care facilities) committed to pesticide-free lawn management.	Baseline Year	Baseline Value	Target Year	Target Value
		2016	10	2021	500

Data Source & Location: Preliminary information gathered by the University of Northern Iowa, Center for Energy & Environmental Education

LIFE COURSE - Maternal, Infant, and Early & Middle Childhood; Adolescence; Early, Middle, and Older Adulthood

Strategy 2-1.1 Launch a statewide public education campaign to reduce children's exposure to lawn pesticides, herbicides, insecticides, and fungicides.

Strategy Type

Individual/interpersonal-focused

Strategy Source & Location

TBD

Who's Responsible

University of Northern Iowa, Center for Energy & Environmental Education

Target Date

Jan 1, 2020

LIFE COURSE - Maternal, Infant, and Early & Middle Childhood; Adolescence; Early, Middle, and Older Adulthood

Goal #3 Address all aspects of transition to adulthood for youth with special health care needs through transition planning.

Alignment with National Plans

Title V National Priority Measure

<http://www.amchp.org/AboutTitleV/Resources/Documents/Crosswalk%20New%20Title%20V%20NPMs-Life%20Course%20Indicators.pdf>

Alignment with State / Other Plans

Iowa Title V CYSHCN Program Goal https://www.idph.iowa.gov/Portals/1/Files/FamilyHealth/2015_state_narrative.pdf

LIFE COURSE - Maternal, Infant, and Early & Middle Childhood; Adolescence; Early, Middle, and Older Adulthood

Objective 3-1	By 2020, develop a transition plan for 60% of youth (aged 12-21) with special health care needs seen by a Child Health Specialty Clinics' nurse practitioner or physician.	Baseline Year	Baseline Value	Target Year	Target Value
		2015	0	2020	60%

Data Source & Location: Chart reviews (unpublished)

LIFE COURSE - Maternal, Infant, and Early & Middle Childhood; Adolescence; Early, Middle, and Older Adulthood

Strategy 3-1.1 In collaboration with YSHCN and family members, identify culturally appropriate transition tools that align with the six core transition elements recommended by the American Academy of Pediatrics, Got Transition and the Lucile Packard Standards.

Strategy Type
Individual/interpersonal-focused

Strategy Source & Location

Iowa Title V Maternal and Child Health State Action Plan, 2016.

<https://mchbtvis.hrsa.gov/Print/StateActionPlanTable/556e4c7f-a47f-4a72-938c-3e24b58034d6>

Who's Responsible

Child Health Specialty Clinics, University of Iowa Division of Child and Community Health Transition Workgroup

Target Date

Jan 1, 2020

LIFE COURSE - Maternal, Infant, and Early & Middle Childhood; Adolescence; Early, Middle, and Older Adulthood

Objective 3-2 Develop an overall state plan to coordinate transition efforts being conducted for YSHCN by various state agencies.

Baseline Year	Baseline Value	Target Year	Target Value
2015	0	2020	1

Data Source & Location University of Iowa Division of Child and Community Health Transition Workgroup

LIFE COURSE - Maternal, Infant, and Early & Middle Childhood; Adolescence; Early, Middle, and Older Adulthood

Strategy 3-2.1 Conduct an assessment of current efforts regarding transition to adulthood planning in Iowa for YSHCN.

Strategy Type
Policy-focused

Strategy Source & Location

Iowa Title V Maternal and Child Health State Action Plan, 2016.

<https://mchbtvis.hrsa.gov/Print/StateActionPlanTable/556e4c7f-a47f-4a72-938c-3e24b58034d6>

Who's Responsible

Child Health Specialty Clinics, University of Iowa Division of Child and Community Health Transition Workgroup

Target Date

Jan. 1, 2020

LIFE COURSE - Maternal, Infant, and Early & Middle Childhood; Adolescence; Early, Middle, and Older Adulthood

Goal #4 Increase awareness about Alzheimer's disease and the importance of early detection to increase early detection.

Alignment with National Plans

National Plan to Address Alzheimer's

<https://www.nia.nih.gov/alzheimers/publication/2012-2013-alzheimers-disease-progress-report/national-plan-address-alzheimers>

Alignment with State / Other Plans

Alzheimer's Disease Iowa Taskforce http://www.alz.org/national/documents/iowa_State_Plan.pdf

LIFE COURSE - Maternal, Infant, and Early & Middle Childhood; Adolescence; Early, Middle, and Older Adulthood

Objective 4-1 Increase the Medicare Annual Wellness visits which include an assessment of cognitive function.

Baseline Year	Baseline Value	Target Year	Target Value
2015	58,392	2021	116,784

Data Source & Location CMS tracks the number of Medicare eligible Iowans who have use the Annual Wellness Visit and received a cognitive screen. [Beneficiaries Utilizing Free Preventive Services by State, 2016](#)

Strategy 4-1.1
Promote the Medicare annual wellness visit regularly through local programs, support groups, and community events in an effort to increase the number of Iowans receiving the cognitive screening statewide.

Strategy Type
Community-focused

Strategy Source & Location
Alzheimer's Association website <http://www.alz.org/greateriowa/>

Who's Responsible
Alzheimer's Association

Target Date
Dec 31, 2018

Objective 4-2	Offer "Know the Ten Signs: Early Detection Matters" programs across the state on an annual basis.	Baseline	Baseline	Target	Target
		Year	Value	Year	Value
		2015	1,027 programs	2021	1,500 programs per year

Data Source | Alzheimer's Disease Facts and Figures report.
& Location | https://www.alz.org/documents_custom/2016-facts-and-figures.pdf

Strategy 4-2.1
Strategically implement critical educational functions statewide in an effort to raise awareness of the disease and promote early detection in the general public.

Strategy Type
Individual/interpersonal-focused

Strategy Source & Location
Alzheimer's Association website <http://www.alz.org/greateriowa/>

Who's Responsible
Alzheimer's Association

Target Date
Dec 31, 2018

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