Public Health Quality Indicators Annual Report

July 2015

Ohio Department of Health

Foreword

July 6, 2015

Dear Local Health Departments, Public Health Stakeholders and Other Interested Parties:

The Ohio Department of Health (ODH) and the Association of Ohio Health Commissioners (AOHC) are pleased to submit for your consideration the 2015 report for the public health quality indicators.

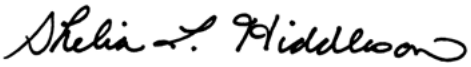
The intent of this report is to satisfy the requirement in the Ohio Revised Code (ORC) 3701.98 for the sharing of data reported for the public health quality indicators with payers, providers, general and city health districts, and public health professionals. The report includes an overview of the indicators, general conclusions and several appendices outlining data by local health department.

This initial report should be considered a baseline for the public health quality indicators data moving forward. Additional information, including rule advisory committee work, ODH guidance, reporting resources and links to additional information can be found on the ODH website at http://www.odh.ohio.gov/localhealthdistricts/Futures/Quality%20Indicators.aspx.

We would like to thank the members of the rule advisory committee for giving of their time to participate in this unprecedented effort. We look forward to working with our public health partners to continue to align state and local efforts to improve the health of all Ohioans.

Sincerely,

Richard Hodges
Director, Ohio Department of Health



Shelia L. Hiddleson
President, Association of Ohio Health Commissioners

Overview

ORC 3701.98 required ODH to establish (A.) a standardized process by which all general and city health districts shall collect and report to the director information regarding public health quality indicators and (B.) a policy and procedures for the sharing of health data reported under this section with payers, providers, general and city health districts, and public health professionals. ORC also requires rules be created for the public health quality indicators by ODH in conjunction with AOHC in identifying the public health quality indicators.

ODH, AOHC and other stakeholders developed an advisory committee for the purposes of developing rules meeting 16 times between August 2013 and March 2014. Ohio Administrative Code (OAC) 3701-36-05[1] became effective July 1, 2014 and provides rules for local health departments outlining:

- 14 public health quality indicators
- Information to be submitted to ODH on an annual basis
- How ODH will publish information related to the quality indicators

ODH subsequently released administrative guidance on December 31, 2014 to local health departments for the collection and reporting of information related to the public health quality indicators.

Indicators selected by the rule advisory committee were intended to represent the broad spectrum of work done by local health departments to improve public health. The committee used several considerations when selecting the public health quality indicators, including but not limited to:

- Type- Outcome, Capacity, Practice
- Meaningfulness
- Comparability
- Availability of Data
- Alignment with State Performance Standards

The public health quality indicators include two outcome related measures, eight related to capacity and four related to practice or process. This report will provide a state level description of the data submitted and gathered by indicator and offer general conclusions.

[1] http://codes.ohio.gov/oac/3701-36-05

Outcome Indicators

There are two quality indicators that specifically address and track public health outcomes by health jurisdiction.

- Infant mortality rate by race.
- Increasing the percentage of children entering kindergarten who are fully vaccinated.

Data for infant mortality is now available on Ohio's Network of Care- Public Health Assessment and Wellness website for each local health department by perinatal region.[2] In addition to the six perinatal region, infant mortality rates by race are also displayed at the local health department level when the rate is considered reliable and stable. The Network of Care site is an innovative, local-delivery integrated platform to track key public health indicators at the state and local levels. **See Figure 1.**

Figure 1

Statewide immunization data submitted by schools has been entered into the ODH secure data warehouse for review and analysis by local health departments. Immunization rates have not been determined for each local health department jurisdiction. Local health departments are encouraged to partner with school districts to increase immunization rates through collaboration, education, outreach and reporting efforts.

Reducing infant mortality and increasing immunization rates are priority health issues at the state and local levels. Expanded reporting and sharing of data in both areas demonstrates a commitment to identify disparities, trends and opportunities to improve outcomes across the state.

[2] http://ship.oh.networkofcare.org/ph/content.aspx?cid=3004

Capacity Indicators

There are six quality indicators that address a local health department's capacity and ability to meet a set of standards and expectations of accessing data, epidemiology, emergency response, environmental health, information technology and access to healthcare. The following list of quality indicators is outlined by health department marked with "yes" for those meeting reporting expectations. **See Appendix 1**.

- Access to birth and death records: measured by the access and usage of the secure Ohio public health information warehouse.
- Ability to receive and respond to an emergency preparedness twenty-four hours per day, seven days per week on-call drill initiated by the department of health within one hour.
- Meeting the annual required inspection frequency and providing verification of registered sanitarian/sanitarian in training conducting inspections for food safety, public swimming pools and campground programs.
- Participation in the Medicaid Administrative Claiming program to promote access to healthcare.
- Expanding the use of electronic data management system(s) in the administration of public health programs (e.g., clinical, environmental and/or administration).
- Demonstrating one full-time equivalent epidemiologist per three hundred thousand population.

There are two quality indicators related to completeness and timeliness for 9 reportable diseases identified in OAC 3701-36-05(B) (2). **See Appendix 2.**

- Meeting the median number of days between date of diagnosis and report to the health department in the Ohio disease reporting system for the following reportable infectious diseases.
- Increasing the per cent completeness for the following reportable infectious diseases in the Ohio disease reporting system by age, race, ethnicity, and gender.

The reportable diseases were identified by the advisory committee as having the most value and opportunity to impact public health related to improved timeliness and completeness of reporting. The reporting lag is the difference in days between the date of diagnosis and the date of report. Weekends were removed in the median lag calculation and only confirmed and probable cases were included in the analysis. ODH used the date that the record was created in Ohio Disease Reporting System as a proxy for date of report. With very few exceptions, that date is the same day that the local health department was notified (via Electronic Lab Reporting or by manual entry).

All diseases included are Class B reportable diseases with an expectation that they be reported to ODH by the next business day [3]. Given this established standard, an appropriate proxy that should also be monitored to see continuous improvement is the percentage of reports (locally and aggregated at the state level) that meet or exceed the established standard. In addition to the median and percent completeness, ODH will make those data available in future reports.

Practice-Based Indicators

There are four quality indicators related to a local health department's description of how they are addressing public health issues and programs at the local level. The practice-based quality indicators are outlined by health department and marked with a "yes" for those meeting the reporting expectations. **See Appendix 3**.

- Reporting engagement with the community (clinical and non-clinical) about policies and/or strategies that will promote the public's health.
- Reporting of at least one evidence-based injury prevention intervention.
- Reporting of at least one evidence-based tobacco prevention or control intervention.
- Reporting of at least one evidence-based healthy eating and/or active living intervention for children birth to eighteen years.

Information was reported by local health departments using a secure online database which provides search functionality to share and review information across the state in these program areas as illustrated in **Figure 2**. Several quality indicators assess how local health departments use evidence-based interventions for tobacco, injury and health eating/active living[4]. *Ohio's Plan to Prevent and Reduce Chronic Disease 2014-2018* as well as other resources was shared with local health departments to align state and local efforts as well as define and promote evidence-based activities[5].

Figure 2

[3] http://www.odh.ohio.gov/pdf/idcm/intro1.pdf

[4] http://www.healthy.ohio.gov/CDPlan

[6] http://www.healthpolicyohio.org/guide-to-evidence-based-prevention/

General Conclusions

The goal of the public health quality indicators is to track progress in core public health areas and activities. This is the first year data has become available for the rules established in OAC 3701-36-05. Information collected, organized and gathered for this report should be considered baseline data. For the purposes of quality improvement activity, there are some general observations related to local health departments to inform future decisions at the state and local levels.

- 92 percent attest to meeting environmental health inspection frequencies and credentials.
- 54 percent have access to secure public health data.
- 96 percent achieved median reporting lag of five days or less for selected diseases.
- 75 percent self-reported directly or partnering to provide evidence-based activities.

A full evaluation of the public health quality indicators will be completed July 1, 2016. In the interim, ODH will work with local health departments to address the findings and omissions of data for each of the indicators. The baseline data identified in this report will give a common starting point for future collaborative efforts between ODH and local health departments to improve data and outcomes. Specifically, ODH will focus on the following efforts:

- Expanding its use of the Network of Care- Public Health module.
- Facilitating access to the secure data warehouse.
- Providing technical assistance related to evidence-based programs.

Moving forward, ODH and local health departments will continue to evaluate the reporting process and the need to improve the quality, collection and tracking of data for each of the public health quality indicators. Future work and updates will be shared on the quality indicators page of the ODH website at http://www.odh.ohio.gov/localhealthdistricts/Futures/Quality%20Indicators.aspx.

Appendix 1

Quality Indicators 2015

Capacity Indicators

2015 Public Health Quality Indicators 3701-36-05	Capacity Indicators						
Local Health Department	Access to the Secure Data Warehouse	Response Emergency On-Call Drills 4th qtr. 2013/1st qtr. 2014	Response Emergency On-Call Drills 2nd/3rd qtr. 2015	Attest Environmental Inspection Frequencies and RS Certifications	Participate Medicaid Administrative Claiming (MAC)	Report Expanding Information Technology	Demonstrate One FTE Epidemiologist
Adams County	Yes	Pass	Pass	No	No	No	No
Allen County	Yes	Pass	Pass	Yes	Yes	Yes	Yes
Alliance City	No	Pass	Pass	Yes	Yes	Yes	No
Ashland City	No	Pass	Fail	Yes	No	Yes	Yes
Ashland County	No	Pass	Fail	Yes	No	Yes	Yes
Ashtabula City	No	Pass	Pass	Yes	Yes	Yes	Yes
Ashtabula County	No	Pass	Pass	Yes	Yes	Yes	Yes
Athens County	Yes	Pass	Pass	Yes	Yes	Yes	Yes
Auglaize County	Yes	Pass	Pass	Yes	Yes	Yes	Yes
Belmont County	No	Pass	Pass	Yes	Yes	Yes	Yes
Belpre City	No	Pass	Fail	Yes	No	No	No
Brown County	No	Pass	Fail	No	No	No	No
Butler County	Yes	Pass	Pass	Yes	No	Yes	Yes
Cambridge Guernsey County	Yes	Pass	Pass	Yes	No	No	Yes
Canton City	Yes	Pass	Pass	Yes	Yes	Yes	Yes
Carroll County	Yes	Pass	Pass	Yes	Yes	Yes	Yes
Champaign County	Yes	Pass	Fail	Yes	Yes	Yes	Yes
Cincinnati City	Yes	Pass	Pass	Yes	Yes	Yes	Yes
Clark County	Yes	Pass	Pass	Yes	Yes	Yes	Yes
Clermont County	Yes	Pass	Pass	Yes	Yes	Yes	Yes
Cleveland City	Yes	Pass	Fail	Yes	Yes	Yes	Yes
Clinton County	No	Pass	Fail	Yes	Yes	Yes	Yes
Columbiana County	Yes	Pass	Pass	Yes	Yes	Yes	Yes
Columbus City	Yes	Pass	Pass	Yes	Yes	Yes	Yes
Conneaut City	No	Pass	Pass	Yes	No	Yes	Yes
Coshocton City	No	Pass	Pass	Yes	No	Yes	No
Coshocton County	Yes	Pass	Pass	Yes	Yes	Yes	Yes
Crawford County	No	Pass	Fail	Yes	Yes	Yes	Yes
Cuyahoga County	Yes	Pass	Pass	Yes	Yes	Yes	Yes
Darke County	No	Pass	Pass	Yes	Yes	Yes	No
Dayton Montgomery County	Yes	Pass	Fail	Yes	Yes	Yes	Yes
Defiance County	Yes	Pass	Pass	Yes	Yes	Yes	Yes
Delaware County	Yes	Pass	Pass	Yes	Yes	Yes	Yes
East Liverpool City	No	Pass	Fail	Yes	No	Yes	No
Elyria City	Yes	Pass	Pass	Yes	Yes	Yes	Yes
Erie County	Yes	Pass	Pass	Yes	Yes	Yes	Yes

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Fairfield County	Yes	Pass	Pass	Yes	Yes	Yes	Yes
Fayette County	Yes	Pass	Pass	Yes	No	No	Yes
Findlay City	Yes	Pass	Pass	Yes	Yes	Yes	Yes
Franklin County	Yes	Pass	Pass	No	Yes	No	Yes
Fulton County	No	Pass	Fail	Yes	Yes	Yes	Yes
Galion City	Yes	Pass	Pass	Yes	Yes	Yes	Yes
Gallia County	Yes	Pass	Pass	No	Yes	No	Yes
Geauga County	No	Pass	Pass	Yes	No	Yes	Yes
Girard City	No	Pass	Fail	No	No	No	No
Greene County	Yes	Pass	Fail	Yes	Yes	Yes	Yes
Hamilton City	No	Pass	Fail	Yes	No	Yes	No
Hamilton County	Yes	Pass	Pass	Yes	Yes	Yes	Yes
Hancock County	No	Pass	Pass	Yes	Yes	Yes	Yes
Harrison County	No	Pass	Pass	Yes	No	No	No
Henry County	Yes	Pass	Pass	Yes	Yes	Yes	Yes
Highland County	No	Pass	Pass	Yes	Yes	Yes	Yes
Hocking County	Yes	Pass	Pass	Yes	Yes	Yes	No
Holmes County	Yes	Pass	Pass	Yes	Yes	Yes	Yes
Huron County	Yes	Pass	Pass	Yes	Yes	Yes	Yes
Ironton City	Yes	Pass	Pass	Yes	Yes	Yes	No
Jackson County	No	Pass	Pass	No	Yes	Yes	No
Jefferson County	No	Pass	Pass	Yes	Yes	Yes	Yes
Kent City	No	Fail	Pass	Yes	Yes	Yes	Yes
Kenton Hardin County	No	Pass	Pass	Yes	Yes	No	No
Knox County	Yes	Pass	Pass	Yes	Yes	Yes	No
Lake County	Yes	Pass	Pass	Yes	Yes	Yes	Yes
Lawrence County	Yes	Pass	Pass	Yes	Yes	Yes	Yes
Licking County	Yes	Pass	Pass	Yes	Yes	Yes	Yes
Logan County	No	Pass	Pass	Yes	Yes	Yes	Yes
Lorain City	No	Pass	Pass	Yes	Yes	Yes	No
Lorain County	No	Pass	Pass	Yes	Yes	Yes	Yes
Madison County	Yes	Pass	Pass	Yes	Yes	Yes	Yes
Mahoning County	Yes	Pass	Pass	Yes	Yes	Yes	Yes
Mansfield Richland County	Yes	Pass	Pass	Yes	Yes	Yes	Yes
Marietta City	No	Pass	Fail	Yes	Yes	Yes	No
Marion County	No	Pass	Pass	Yes	Yes	Yes	Yes
Massillon City	No	Pass	Pass	Yes	No	Yes	No

Appendix 1

Quality Indicators 2015

Capacity Indicators

2015 Public Health Quality Indicators 3701-36-05	Capacity Indicators						
Local Health Department	Access to the Secure Data Warehouse	Response Emergency On-Call Drills 4th qtr. 2013/1st qtr. 2014	Response Emergency On-Call Drills 2nd/3rd qtr. 2015	Attest Environmental Inspection Frequencies and RS Certifications	Participate Medicaid Administrative Claiming (MAC)	Report Expanding Information Technology	Demonstrate One FTE Epidemiologist
Medina County	Yes	Pass	Pass	Yes	Yes	Yes	Yes
Meigs County	Yes	Pass	Pass	Yes	Yes	Yes	Yes
Mercer County	Yes	Pass	Pass	Yes	Yes	Yes	Yes
Miami County	No	Pass	Pass	Yes	Yes	Yes	Yes
Middletown City	Yes	Pass	Pass	Yes	No	Yes	No
Monroe County	No	Pass	Pass	Yes	No	Yes	Yes
Morgan County	No	Pass	Pass	Yes	Yes	Yes	Yes
Morrow County	Yes	Pass	Pass	Yes	Yes	Yes	Yes
New Philadelphia City	Yes	Pass	Pass	Yes	No	Yes	No
Niles City	No	Pass	Fail	Yes	No	Yes	No
Noble County	No	Pass	Pass	Yes	Yes	Yes	Yes
Norwood City	No	Pass	Pass	No	No	Yes	No
Oakwood City	No	Pass	Pass	Yes	No	Yes	No
Ottawa County	Yes	Pass	Pass	Yes	No	Yes	Yes
Paulding County	Yes	Pass	Pass	Yes	No	Yes	Yes
Perry County	No	Pass	Pass	Yes	Yes	Yes	Yes
Pickaway County	No	Pass	Pass	Yes	No	Yes	No
Pike County	Yes	Pass	Pass	Yes	Yes	No	Yes
Piqua City	No	Pass	Fail	Yes	No	Yes	No
Portage County	Yes	Pass	Pass	Yes	Yes	Yes	Yes
Portsmouth City	No	Pass	Pass	Yes	No	Yes	Yes
Preble County	No	Pass	Pass	Yes	Yes	Yes	Yes
Putnam County	Yes	Pass	Pass	Yes	Yes	Yes	Yes
Ross County	Yes	Pass	Pass	Yes	Yes	Yes	Yes
Salem City	No	Fail	Pass	Yes	No	Yes	No
Sandusky County	Yes	Pass	Pass	Yes	Yes	Yes	No
Scioto County	No	Pass	Pass	No	No	No	No
Seneca County	No	Pass	Pass	Yes	Yes	Yes	No
Shaker Heights City	No	Pass	Pass	No	No	Yes	No
Shelby City	No	Pass	Fail	No	No	No	No
Sidney Shelby County	Yes	Pass	Pass	Yes	Yes	Yes	No
Springdale City	No	Pass	Pass	Yes	No	Yes	No
Stark County	Yes	Pass	Pass	Yes	Yes	Yes	Yes
Steubenville City	No	Pass	Fail	Yes	No	No	No
Summit County	Yes	Pass	Pass	Yes	Yes	Yes	Yes
Toledo Lucas County	Yes	Pass	Pass	Yes	Yes	Yes	Yes
Trumbull County	Yes	Pass	Pass	Yes	Yes	Yes	Yes

Appendix 1

Quality Indicators 2015

Capacity Indicators

SFY 2015 Public Health Quality Indicators 3701-36-05	Capacity Indicators						
Local Health Department	Access to the Secure Data Warehouse	Response Emergency On-Call Drills 4th qtr. 2013/1st qtr. 2014	Response Emergency On-Call Drills 2nd/3rd qtr. 2015	Attest Environmental Inspection Frequencies and RS Certifications	Participate Medicaid Administrative Claiming (MAC)	Report Expanding Information Technology	Demonstrate One FTE Epidemiologist
Tuscarawas County	No	Fail	Pass	Yes	No	Yes	Yes
Union County	Yes	Pass	Pass	Yes	Yes	Yes	Yes
Van Wert County	No	Pass	Pass	Yes	No	Yes	Yes
Vinton County	Yes	Pass	Pass	Yes	Yes	Yes	Yes
Warren City	No	Fail	Fail	Yes	No	Yes	No
Warren County	Yes	Pass	Pass	Yes	Yes	Yes	Yes
Washington County	No	Pass	Fail	Yes	Yes	Yes	Yes
Wayne County	Yes	Pass	Pass	Yes	Yes	Yes	Yes
Williams County	Yes	Pass	Pass	Yes	Yes	Yes	Yes
Wood County	Yes	Pass	Pass	Yes	Yes	Yes	Yes
Wyandot County	Yes	Pass	Pass	Yes	Yes	Yes	No
Youngstown City	Yes	Fail	Fail	Yes	No	Yes	No
Zanesville Muskingum County	Yes	Pass	Pass	Yes	Yes	Yes	Yes
Total Yes Responses	**67**	**118**	**109**	**113**	**85**	**107**	**123**
Total % Yes	**54%**	**96%**	**89%**	**92%**	**69%**	**87%**	**64%**

Appendix 2

Percent Completeness of Reports and Median Days Reporting Lag for Selected Diseases*

July 1, 2014-December 31, 2014

Local Health Department	Age	Gender	Race	Ethnicity	Reported Within 1 Business Day	Reporting Lag**	Total Number of Cases Reported
	Percent Completed	Percent Completed	Percent Completed	Percent Completed	Percent Reported	Median Days	
Adams County	100.0%	100.0%	83.3%	83.3%	33.3%	3.5	6
Allen County ***	100.0%	100.0%	99.3%	99.3%	57.6%	1	144
Alliance City ***	100.0%	94.1%	100.0%	47.1%	70.6%	1	17
Ashland City	100.0%	100.0%	100.0%	100.0%	53.8%	1	26
Ashland County	100.0%	100.0%	100.0%	95.8%	50.0%	1.5	24
Ashtabula City	100.0%	100.0%	100.0%	100.0%	37.5%	2	8
Ashtabula County	100.0%	95.7%	97.9%	95.7%	55.3%	1	47
Athens County ***	100.0%	100.0%	94.4%	100.0%	44.4%	2	18
Auglaize County ***	100.0%	100.0%	100.0%	98.0%	59.2%	1	49
Belmont County	100.0%	88.9%	100.0%	100.0%	88.9%	1	9
Belpre City	100.0%	100.0%	100.0%	50.0%	50.0%	2	2
Brown County	100.0%	100.0%	75.0%	100.0%	37.5%	2	8
Butler County ***	100.0%	100.0%	97.0%	97.8%	53.0%	1	134
Canton City ***	100.0%	99.0%	100.0%	68.0%	62.0%	1	100
Carroll County	100.0%	100.0%	100.0%	33.3%	54.2%	1	24
Champaign County	100.0%	100.0%	100.0%	92.9%	57.1%	1	14
Cincinnati City ***	100.0%	99.6%	99.3%	91.5%	44.9%	2	272
Clark County	100.0%	100.0%	93.2%	96.6%	45.5%	2	88
Clermont County	99.2%	98.4%	100.0%	100.0%	34.1%	2	123
Cleveland City ***	99.7%	99.3%	94.9%	83.0%	51.8%	1	587
Clinton County ***	100.0%	100.0%	84.6%	84.6%	38.5%	2	13
Columbiana County	100.0%	100.0%	88.9%	91.7%	66.7%	1	36
Columbus City	100.0%	99.5%	99.2%	98.8%	56.1%	1	597
Conneaut City	100.0%	100.0%	66.7%	100.0%	33.3%	4	3
Coshocton City ***	100.0%	100.0%	100.0%	100.0%	33.3%	2	3
Coshocton County	100.0%	100.0%	100.0%	100.0%	62.5%	1	8
Crawford County ***	100.0%	100.0%	94.4%	94.4%	16.7%	5.5	18
Cuyahoga County ***	100.0%	99.3%	97.3%	82.4%	50.0%	1.5	740
Darke County	100.0%	100.0%	92.0%	92.0%	24.0%	3	25
Defiance County ***	100.0%	100.0%	94.1%	100.0%	64.7%	1	17
Delaware County	100.0%	100.0%	100.0%	100.0%	59.7%	1	77
East Liverpool City	N/A	N/A	N/A	N/A	N/A	N/A	0
Elyria City ***	100.0%	100.0%	100.0%	93.8%	68.8%	1	16
Erie County	100.0%	100.0%	92.6%	96.3%	40.7%	2	27
Fairfield County ***	100.0%	100.0%	100.0%	97.2%	47.2%	2	36
Fayette County ***	100.00%	100.0%	100.0%	100.0%	88.9%	1	9

Appendix 2

Percent Completeness of Reports and Median Days Reporting Lag for Selected Diseases*

July 1, 2014-December 31, 2014

Local Health Department	Age	Gender	Race	Ethnicity	Reported Within 1 Business Day	Reporting Lag**	Total Number of Cases Reported
	Percent Completed	Percent Completed	Percent Completed	Percent Completed	Percent Reported	Median Days	
Findlay City	100.0%	100.0%	91.7%	75.0%	62.5%	1	24
Franklin County ***	100.0%	100.0%	98.1%	89.8%	50.0%	1.5	264
Fulton County ***	100.0%	100.0%	100.0%	100.0%	36.4%	2	22
Galion City ***	100.0%	100.0%	100.0%	100.0%	50.0%	3	2
Gallia County ***	100.0%	100.0%	100.0%	100.0%	57.1%	1	7
Geauga County ***	100.0%	98.5%	96.9%	86.2%	49.2%	2	65
Girard City	100.0%	100.0%	66.7%	33.3%	100.0%	0	3
Greene County ***	100.0%	100.0%	94.0%	86.7%	43.4%	2	83
Guernsey County	100.0%	100.0%	96.0%	100.0%	52.0%	1	25
Hamilton City ***	100.0%	100.0%	100.0%	100.0%	34.5%	2	55
Hamilton County ***	99.3%	98.0%	97.3%	95.6%	36.9%	2	293
Hancock County ***	100.0%	100.0%	100.0%	94.1%	58.8%	1	17
Hardin County ***	100.0%	100.0%	100.0%	100.0%	33.3%	9.5	6
Harrison County	100.0%	100.0%	71.4%	85.7%	71.4%	1	7
Henry County ***	100.0%	100.0%	100.0%	100.0%	61.5%	1	26
Highland County	100.0%	100.0%	100.0%	93.3%	33.3%	3	15
Hocking County ***	100.0%	100.0%	100.0%	100.0%	71.4%	1	7
Holmes County	100.0%	100.0%	96.2%	100.0%	50.0%	1.5	26
Huron County ***	100.0%	100.0%	100.0%	97.6%	59.5%	1	42
Ironton City ***	100.0%	100.0%	100.0%	100.0%	33.3%	2	3
Jackson County ***	100.0%	100.0%	92.9%	92.9%	42.9%	2	14
Jefferson County ***	100.0%	100.0%	100.0%	100.0%	43.8%	5.5	16
Kent City ***	100.0%	100.0%	100.0%	100.0%	37.5%	2.5	8
Knox County ***	100.0%	100.0%	100.0%	100.0%	42.9%	2	21
Lake County ***	100.0%	99.2%	100.0%	100.0%	60.0%	1	120
Lawrence County ***	100.0%	100.0%	100.0%	100.0%	54.5%	1	22
Licking County ***	100.0%	98.9%	100.0%	100.0%	40.7%	2	91
Logan County ***	100.0%	100.0%	100.0%	100.0%	78.3%	1	23
Lorain City	100.0%	100.0%	96.0%	76.0%	68.0%	1	25
Lorain County	100.0%	100.0%	100.0%	89.7%	51.3%	1	39
Lucas County ***	100.0%	100.0%	95.6%	85.7%	65.5%	1	293
Madison County ***	90.9%	100.0%	100.0%	100.0%	27.3%	2	11
Mahoning County ***	100.0%	98.9%	86.2%	59.6%	56.4%	1	94

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Percent Completeness of Reports and Median Days Reporting Lag for Selected Diseases*

July 1, 2014-December 31, 2014

Local Health Department	Age	Gender	Race	Ethnicity	Reported Within 1 Business Day	Reporting Lag**	Total Number of Cases Reported
	Percent Completed	Percent Completed	Percent Completed	Percent Completed	Percent Reported	Median Days	
Marion County ***	100.0%	93.3%	96.7%	76.7%	56.7%	1	30
Massillon City	100.0%	100.0%	97.4%	86.8%	65.8%	1	38
Medina County	100.0%	94.4%	85.5%	71.8%	43.5%	2	124
Meigs County ***	100.0%	100.0%	100.0%	100.0%	75.0%	1	4
Mercer County ***	100.0%	100.0%	100.0%	100.0%	77.4%	1	31
Miami County	100.0%	100.0%	100.0%	100.0%	65.1%	1	43
Middletown City ***	100.0%	100.0%	91.3%	95.7%	56.5%	1	23
Monroe County	100.0%	100.0%	100.0%	100.0%	0.0%	2.5	2
Montgomery County ***	100.0%	100.0%	49.8%	48.3%	70.0%	1	317
Morgan County	100.0%	100.0%	100.0%	100.0%	33.3%	3	9
Morrow County ***	100.0%	100.0%	77.8%	77.8%	44.4%	6	9
New Philadelphia City ***	100.0%	100.0%	100.0%	100.0%	42.9%	2	7
Niles City	100.0%	100.0%	100.0%	100.0%	100.0%	0	3
Noble County	100.0%	100.0%	100.0%	88.9%	88.9%	1	9
Norwood City ***	100.0%	100.0%	100.0%	90.0%	50.0%	2	10
Oakwood City	N/A	N/A	N/A	N/A	N/A	N/A	0
Ottawa County ***	100.0%	100.0%	94.1%	94.1%	52.9%	1	17
Paulding County ***	100.0%	100.0%	100.0%	100.0%	33.3%	2.5	6
Perry County	100.0%	100.0%	84.6%	100.0%	53.8%	1	13
Pickaway County	96.0%	100.0%	96.0%	92.0%	56.0%	1	25
Pike County ***	100.0%	100.0%	100.0%	100.0%	40.0%	2	20
Piqua City	100.0%	100.0%	100.0%	100.0%	66.7%	1	3
Portage County ***	100.0%	100.0%	98.9%	100.0%	58.1%	1	93
Portsmouth City ***	100.0%	100.0%	100.0%	100.0%	33.3%	2	3
Preble County	100.0%	100.0%	76.9%	76.9%	46.2%	2	13
Putnam County	100.0%	100.0%	100.0%	100.0%	54.2%	1	24
Richland County ***	100.0%	100.0%	87.3%	86.1%	48.1%	2	79
Ross County	100.0%	100.0%	97.1%	91.2%	38.2%	3	34
Salem City ***	100.0%	100.0%	100.0%	100.0%	45.5%	2	11
Sandusky County	100.0%	100.0%	81.8%	100.0%	40.9%	2	22
Scioto County ***	100.0%	100.0%	100.0%	88.9%	44.4%	2	9
Seneca County ***	100.0%	100.0%	77.8%	77.8%	55.6%	1	18
Shaker Heights City	100.0%	100.0%	96.3%	85.2%	22.2%	5	27
Shelby City	100.0%	100.0%	100.0%	100.0%	83.3%	1	6
Shelby County ***	100.0%	100.0%	94.1%	94.1%	17.6%	4	17

Appendix 2

Percent Completeness of Reports and Median Days Reporting Lag for Selected Diseases*

July 1, 2014-December 31, 2014

Local Health Department	Age	Gender	Race	Ethnicity	Reported Within 1 Business Day	Reporting Lag**	Total Number of Cases Reported
	Percent Completed	Percent Completed	Percent Completed	Percent Completed	Percent Reported	Median Days	
Springdale City ***	100.0%	100.0%	78.6%	57.1%	50.0%	1.5	14
Stark County ***	100.0%	98.1%	98.1%	71.5%	63.3%	1	270
Steubenville City	100.0%	83.3%	100.0%	100.0%	33.3%	2	6
Summit County ***	100.0%	94.9%	91.3%	51.8%	50.1%	1	413
Trumbull County ***	100.0%	97.9%	100.0%	97.9%	60.4%	1	48
Tuscarawas County ***	100.0%	100.0%	100.0%	100.0%	53.5%	1	43
Union County ***	100.0%	100.0%	100.0%	100.0%	54.2%	1	24
Van Wert County ***	100.0%	100.0%	100.0%	100.0%	61.5%	1	13
Vinton County ***	100.0%	100.0%	100.0%	100.0%	0.0%	2.5	2
Warren City ***	100.0%	91.7%	100.0%	100.0%	16.7%	4	12
Warren County	100.0%	100.0%	88.8%	85.1%	58.2%	1	134
Washington County ***	100.0%	100.0%	100.0%	75.0%	62.5%	1	8
Wayne County	100.0%	100.0%	100.0%	100.0%	52.0%	1	50
Williams County ***	100.0%	100.0%	100.0%	100.0%	20.0%	14	5
Wood County ***	100.0%	98.4%	95.3%	85.9%	54.7%	1	64
Wyandot County ***	100.0%	100.0%	91.7%	91.7%	58.3%	1	12
Youngstown City ***	100.0%	100.0%	80.6%	54.8%	41.9%	2	31
Zanesville/Muskingum County	100.0%	98.8%	96.5%	98.8%	61.6%	1	86
State of Ohio	**99.9%**	**99.1%**	**94.3%**	**85.5%**	**52.8%**	**1**	**7434**

* Diseases included confirmed and probable cases of: Campylobacteriosis, Cryptosporidiosis, E.coli O157:H7 and Shiga toxin-producing E. coli (STEC), Giardiasis, Influenza-associated hospitalization, Legionnaires' disease, Pertussis, Salmonellosis and Shigellosis.

** Reporting Lag is the difference in days between the date of diagnosis and the date of report.

*** Participant in the FoodCORE program project where ODH conducts interviews of patients with Salmonella, E. coli and Listeria on behalf of the LHD. (All data is provisional and subject to change.)

Appendix 3

Quality Indicators 2015

Practice-Based Indicators

SFY 2015 Public Health Quality Indicators 3701-36-05	Practice-Based Indicators			
Local Health Department	Report Community Engagement Policies / Strategies	Report Evidence Based Injury Intervention	Report Evidence Based Tobacco Intervention	Report Evidence Based Healthy Eating / Active Living Intervention
Adams County	No	No	No	No
Allen County	Yes	Yes	Yes	Yes
Alliance City	Yes	Yes	Yes	No
Ashland City	Yes	Yes	Yes	Yes
Ashland County	Yes	Yes	Yes	Yes
Ashtabula City	Yes	Yes	Yes	Yes
Ashtabula County	Yes	Yes	Yes	Yes
Athens County	Yes	Yes	Yes	Yes
Auglaize County	Yes	Yes	No	No
Belmont County	Yes	Yes	Yes	Yes
Belpre City	Yes	No	Yes	Yes
Brown County	No	No	No	No
Butler County	Yes	Yes	Yes	Yes
Cambridge Guernsey County	No	No	No	No
Canton City	Yes	Yes	No	No
Carroll County	Yes	Yes	Yes	Yes
Champaign County	Yes	Yes	Yes	Yes
Cincinnati City	No	Yes	Yes	Yes
Clark County	Yes	Yes	Yes	Yes
Clermont County	Yes	Yes	Yes	Yes
Cleveland City	Yes	Yes	Yes	Yes
Clinton County	Yes	Yes	No	Yes
Columbiana County	Yes	Yes	No	No
Columbus City	Yes	Yes	Yes	Yes
Conneaut City	Yes	Yes	Yes	Yes
Coshocton City	Yes	Yes	Yes	Yes
Coshocton County	Yes	Yes	Yes	Yes
Crawford County	Yes	Yes	No	No
Cuyahoga County	Yes	Yes	Yes	Yes
Darke County	Yes	Yes	Yes	Yes
Dayton Montgomery County	Yes	Yes	Yes	Yes
Defiance County	Yes	Yes	Yes	Yes
Delaware County	Yes	Yes	Yes	Yes

Appendix 3

Quality Indicators 2015

Practice-Based Indicators

SFY 2015 Public Health Quality Indicators 3701-36-05	Practice-Based Indicators			
Local Health Department	Report Community Engagement Policies / Strategies	Report Evidence Based Injury Intervention	Report Evidence Based Tobacco Intervention	Report Evidence Based Healthy Eating / Active Living Intervention
East Liverpool City	Yes	Yes	Yes	Yes
Elyria City	Yes	Yes	No	Yes
Erie County	Yes	Yes	Yes	Yes
Fairfield County	Yes	Yes	Yes	Yes
Fayette County	Yes	No	Yes	Yes
Findlay City	Yes	Yes	Yes	Yes
Franklin County	Yes	Yes	Yes	Yes
Fulton County	Yes	Yes	Yes	Yes
Galion City	Yes	Yes	Yes	Yes
Gallia County	No	No	No	No
Geauga County	Yes	Yes	Yes	No
Girard City	No	No	No	No
Greene County	Yes	Yes	No	No
Hamilton City	Yes	Yes	Yes	No
Hamilton County	Yes	Yes	Yes	Yes
Hancock County	Yes	Yes	Yes	Yes
Harrison County	No	No	No	No
Henry County	Yes	Yes	Yes	Yes
Highland County	Yes	Yes	Yes	Yes
Hocking County	Yes	Yes	Yes	No
Holmes County	Yes	Yes	Yes	Yes
Huron County	Yes	Yes	Yes	Yes
Ironton City	No	Yes	Yes	Yes
Jackson County	Yes	No	Yes	Yes
Jefferson County	No	Yes	No	Yes
Kent City	Yes	Yes	Yes	No
Kenton Hardin County	Yes	Yes	Yes	Yes
Knox County	Yes	Yes	Yes	Yes
Lake County	Yes	Yes	Yes	Yes
Lawrence County	No	Yes	Yes	Yes
Licking County	Yes	Yes	Yes	Yes
Logan County	Yes	Yes	Yes	Yes
Lorain City	Yes	Yes	Yes	Yes
Lorain County	Yes	Yes	Yes	Yes
Madison County	Yes	Yes	Yes	Yes
Mahoning County	Yes	Yes	Yes	Yes

Appendix 3

Quality Indicators 2015

Practice-Based Indicators

SFY 2015 Public Health Quality Indicators 3701-36-05	Practice-Based Indicators			
Local Health Department	Report Community Engagement Policies / Strategies	Report Evidence Based Injury Intervention	Report Evidence Based Tobacco Intervention	Report Evidence Based Healthy Eating / Active Living Intervention
Mansfield Richland County	Yes	No	No	No
Marietta City	Yes	Yes	Yes	Yes
Marion County	Yes	Yes	Yes	Yes
Massillon City	Yes	Yes	Yes	Yes
Medina County	Yes	Yes	Yes	Yes
Meigs County	Yes	Yes	No	Yes
Mercer County	Yes	Yes	Yes	Yes
Miami County	Yes	Yes	Yes	Yes
Middletown City	Yes	Yes	Yes	No
Monroe County	Yes	Yes	Yes	Yes
Morgan County	Yes	Yes	Yes	Yes
Morrow County	Yes	Yes	Yes	Yes
New Philadelphia City	Yes	Yes	Yes	Yes
Niles City	Yes	Yes	Yes	Yes
Noble County	Yes	Yes	Yes	Yes
Norwood City	No	Yes	Yes	No
Oakwood City	Yes	No	No	Yes
Ottawa County	Yes	Yes	Yes	Yes
Paulding County	Yes	Yes	Yes	Yes
Perry County	Yes	Yes	Yes	Yes
Pickaway County	Yes	Yes	No	Yes
Pike County	Yes	Yes	No	No
Piqua City	Yes	Yes	Yes	Yes
Portage County	Yes	Yes	Yes	Yes
Portsmouth City	Yes	Yes	Yes	Yes
Preble County	Yes	Yes	Yes	Yes
Putnam County	Yes	Yes	Yes	Yes
Ross County	Yes	Yes	Yes	Yes
Salem City	Yes	Yes	Yes	Yes
Sandusky County	Yes	Yes	Yes	Yes
Scioto County	No	No	No	No
Seneca County	Yes	Yes	Yes	Yes
Shaker Heights City	No	Yes	Yes	Yes
Shelby City	No	No	No	No
Sidney Shelby County	Yes	Yes	Yes	Yes

Appendix 3

Quality Indicators 2015

Practice-Based Indicators

SFY 2015 Public Health Quality Indicators 3701-36-05	Practice-Based Indicators			
Local Health Department	Report Community Engagement Policies / Strategies	Report Evidence Based Injury Intervention	Report Evidence Based Tobacco Intervention	Report Evidence Based Healthy Eating / Active Living Intervention
Springdale City	Yes	Yes	Yes	Yes
Stark County	Yes	Yes	Yes	Yes
Steubenville City	No	No	No	No
Summit County	Yes	Yes	Yes	Yes
Toledo Lucas County	Yes	Yes	Yes	Yes
Trumbull County	Yes	Yes	Yes	Yes
Tuscarawas County	Yes	No	Yes	Yes
Union County	Yes	Yes	Yes	Yes
Van Wert County	Yes	Yes	No	Yes
Vinton County	Yes	Yes	Yes	Yes
Warren City	Yes	Yes	Yes	Yes
Warren County	Yes	Yes	Yes	Yes
Washington County	Yes	Yes	Yes	Yes
Wayne County	Yes	Yes	Yes	Yes
Williams County	Yes	Yes	Yes	Yes
Wood County	Yes	Yes	Yes	Yes
Wyandot County	Yes	Yes	Yes	Yes
Youngstown City	Yes	Yes	Yes	Yes
Zanesville Muskingum County	Yes	Yes	Yes	Yes
Total Yes Responses	**105**	**105**	**93**	**95**
Total % Yes	**85%**	**85%**	**76%**	**77%**

Public Health Quality Indicators Annual Report July 2015

Ohio
Department of Health