Training	Target Audience	Training Objectives	Curriculum/ Pre-requisites	Delivery Method	Training Frequency/ Length of Training	Dates of Training	Tracking & Human Resources Issues	Training Leader
CQI in Public Health: The Fundamentals (Module 1 of 3)	<ul> <li>Any existing public health practitioners interested in quality improvement</li> <li>All New CPH employees</li> <li>Refresher training</li> </ul>	<ul> <li>Define QI</li> <li>Distinguish a quality culture</li> <li>Identify key CQI concepts and principles</li> <li>Recognize that change is essential in improvement</li> </ul>	<ul> <li>Introduces the principles of QI</li> <li>No pre- requisites</li> </ul>	- Independent study online course	<ul> <li>One time only</li> <li>One hour</li> </ul>	<ul> <li>Ongoing</li> <li>All new employees complete online course within three months of hire</li> <li>Refresher training for all staff every five years</li> </ul>	<ul> <li>Evaluation form</li> <li>Course certificate</li> <li>OhioTRAIN records</li> <li>CE credit available</li> <li>Advertise at CPH New Employee orientation</li> </ul>	The Ohio State University, Center for Public Health Practice Beth Ransopher; Laurie Dietsch
CQI in Public Health: The Fundamentals (Module 2 of 3)	<ul> <li>All existing public health practitioners interested in quality improvement</li> <li>All New CPH managers and supervisors</li> <li>Other New CPH employees (optional)</li> <li>Refresher Training</li> </ul>	<ul> <li>Identify the problem-solving strategies</li> <li>Explain the CQI process</li> <li>Identify the current and desired states</li> <li>Recognize the basic tools of QI and how they are applied</li> </ul>	<ul> <li>Methods for problem- solving</li> <li>Application of the CQI process</li> <li>Pre-requisite: CQI in PH (Module 1)</li> </ul>	- Independent study online course	<ul> <li>One time only</li> <li>One hour</li> </ul>	<ul> <li>Ongoing</li> <li>All new CPH managers and supervisors complete online course within six months of hire</li> <li>Refresher training for all management staff every five years</li> </ul>	<ul> <li>Evaluation forms</li> <li>Course certificate</li> <li>OhioTRAIN records</li> <li>CE credit available</li> </ul>	The Ohio State University, Center for Public Health Practice Beth Ransopher; Laurie Dietsch

Training	Target	Training	Curriculum/	Delivery	Training	Dates of	Tracking &	Training
	Audience	Objectives	Pre-requisites	Method	Frequency/ Length of	Training	Human Resources	Leader
					Training		Issues	
CQI in Public Health: The Fundamentals (Module 3 of 3)	<ul> <li>All existing public health practitioners interested in quality improvement</li> <li>All New CPH managers and supervisors</li> <li>Other New CPH employees (optional)</li> <li>Refresher Training</li> </ul>	<ul> <li>Explain the steps of selecting a QI project</li> <li>Define CQI team composition</li> <li>Recognize the team development process</li> <li>Define a CQI mission statement</li> </ul>	<ul> <li>Application of the CQI process</li> <li>Identify how to use a team to improve a process</li> <li>Pre-requisite: CQI in PH (Modules 1 and 2)</li> </ul>	- Independent study online course	<ul> <li>One time only</li> <li>One hour</li> </ul>	<ul> <li>Ongoing</li> <li>All new CPH managers and supervisors complete online course within six months of hire</li> <li>Refresher training for all management staff every five years.</li> </ul>	<ul> <li>Evaluation forms</li> <li>Course certificate</li> <li>OhioTRAIN records</li> <li>CE credit available</li> </ul>	The Ohio State University, Center for Public Health Practice Beth Ransopher; Laurie Dietsch

Training	Target Audience	Training Objectives	Curriculum/ Pre-requisites	Delivery Method	Training Frequency/ Length of Training	Dates of Training	Tracking & Human Resources Issues	Training Leader
Introduction to CQI Principles & PDSA Process – Part 1	All Leadership, Managers, Supervisors (SAT/MMM)	<ul> <li>Define QI</li> <li>Distinguish a quality culture</li> <li>Identify benefits of CQI</li> <li>Identify key CQI concepts and principles</li> <li>Recognize change is essential to improvement</li> <li>Identify the steps in the CQI problem solving process of Plan-Do- Check-Act</li> <li>Identify elements of an organizational QI Plan</li> </ul>	<ul> <li>Introduces the principles of QI</li> <li>No prerequisites</li> </ul>	- Instructor led in classroom	<ul> <li>One time only</li> <li>As needed basis</li> <li>Two hours</li> </ul>	January 30, 2012	<ul> <li>Attendance sheets</li> <li>Evaluation forms</li> <li>OhioTRAIN records</li> </ul>	The Ohio State University, Center for Public Health Practice Laurie Dietsch; Beth Ransopher

Training	Target Audience	Training Objectives	Curriculum/ Pre-requisites	Delivery Method	Training Frequency/ Length of Training	Dates of Training	Tracking & Human Resources Issues	Training Leader
CQI Project Selection and Implementing Successful Teams	All Leadership, Managers, Supervisors (SAT/MMM)	<ul> <li>Select a QI project</li> <li>Select a QI Team</li> <li>Write a CQI team mission statement</li> <li>Identify strategies for CQI team success</li> <li>Identify roles that are important to CQI</li> <li>Recognize the team development process</li> </ul>	<ul> <li>Identify potential QI projects</li> <li>Learn the tools necessary to implement a CQI project</li> <li>Pre- requisites: Introduction to CQI Principles &amp; PDSA Process</li> </ul>	- Instructor led in classroom	<ul> <li>One time only</li> <li>As needed basis</li> <li>Two hours</li> </ul>	February 14, 2012	<ul> <li>Attendance sheets</li> <li>Evaluation forms</li> <li>OhioTRAIN records</li> </ul>	The Ohio State University, Center for Public Health Practice Laurie Dietsch; Beth Ransopher

Training	Target Audience	Training Objectives	Curriculum/ Pre-requisites	Delivery Method	Training Frequency/ Length of Training	Dates of Training	Tracking & Human Resources Issues	Training Leader
Introduction to CQI Principles & PDSA Process – Part 2	All identified Leadership, Managers, and Supervisors on Teams ; Identified Team Members	<ul> <li>Define QI</li> <li>Identify benefits of CQI</li> <li>Utilize key CQI concepts and principles</li> <li>Identify types of big QI and little QI projects</li> <li>Utilize the four steps in the CQI problem solving process</li> <li>Identify the basic tools of CQI in the development of a project</li> </ul>	<ul> <li>Practice the tools necessary to create a QI project</li> <li>Learn the difference between Big QI and Little QI</li> <li>Utilize the four steps: Plan-Do-Check-Act</li> <li>No pre-requisites</li> </ul>	- Instructor led in classroom	<ul> <li>One time only</li> <li>As needed basis</li> <li>Four hours</li> </ul>	March 7, 2012	<ul> <li>Attendance sheets</li> <li>Evaluation forms</li> <li>OhioTRAIN records</li> </ul>	The Ohio State University, Center for Public Health Practice Laurie Dietsch; Beth Ransopher

Training	Target Audience	Training Objectives	Curriculum/ Pre-requisites	Delivery Method	Training Frequency/ Length of Training	Dates of Training	Tracking & Human Resources Issues	Training Leader
Implementing Successful CQI Teams	All identified Leadership, Managers, and Supervisors on Teams ; Identified Team Members	<ul> <li>Write a CQI team mission statement</li> <li>Identify strategies for CQI team success</li> <li>Identify roles that are important to CQI</li> <li>Recognize the team development process</li> <li>Know how to get started with a QI team</li> </ul>	<ul> <li>Application of the CQI process</li> <li>Identify how to use a team to improve a process</li> <li>Pre- requisites: Introduction to CQI (Part 2)</li> </ul>	- Instructor led in classroom	<ul> <li>One time only</li> <li>As needed basis</li> <li>Four hours</li> </ul>	March 28, 2012	<ul> <li>Attendance sheets</li> <li>Evaluation forms</li> <li>OhioTRAIN records</li> </ul>	The Ohio State University, Center for Public Health Practice Laurie Dietsch; Beth Ransopher

Training	Target Audience	Training Objectives	Curriculum/ Pre-requisites	Delivery Method	Training Frequency/ Length of Training	Dates of Training	Tracking & Human Resources Issues	Training Leader
CQI Tool Time: Flowcharts, Fishbones & 5 Whys Module 1 of 5	All identified Leadership, Managers, and Supervisors on Teams ; Identified Team Members	<ul> <li>Develop a flow chart</li> <li>Analyze a flow chart</li> <li>Develop a cause and effect diagram Analyze a cause and effect diagram</li> <li>Apply the 5 whys</li> </ul>	<ul> <li>Flowchart</li> <li>Fishbones</li> <li>5 whys</li> </ul>	- Independent study online course	<ul> <li>One time only</li> <li>As needed basis</li> <li>Two hours</li> </ul>	2013	<ul> <li>Attendance sheets</li> <li>Evaluation forms</li> <li>OhioTRAIN records</li> </ul>	The Ohio State University, Center for Public Health Practice Laurie Dietsch
CQI Tool Time: Data Tools Module 2 of 5	All identified Leadership, Managers, and Supervisors on Teams ; Identified Team Members	<ul> <li>Utilize a check sheet</li> <li>Utilize a pareto diagram</li> <li>Utilize a run chart</li> <li>Utilize a control chart</li> <li>Utilize a histogram</li> <li>Utilize a scattergram</li> </ul>	<ul> <li>Check sheet</li> <li>Pareto</li> <li>Run chart &amp; Control chart</li> <li>Histogram</li> <li>Scatter diagram</li> </ul>	- Independent study online course	<ul> <li>One time only</li> <li>As needed basis</li> <li>Two hours</li> </ul>	2013	<ul> <li>Attendance sheets</li> <li>Evaluation forms</li> <li>OhioTRAIN records</li> </ul>	The Ohio State University, Center for Public Health Practice Laurie Dietsch
CQI Tool Time: Decision Tools Force Field Analysis Module 3 of 5	All identified Leadership, Managers, and Supervisors on Teams ; Identified Team Members	Utilize three CQI decision tools (criteria rating grid, weighted voting, and force field analysis)	<ul> <li>Criteria rating grid</li> <li>Weighted voting</li> <li>Force field analysis</li> </ul>	- Independent study online course	<ul> <li>One time only</li> <li>As needed basis</li> <li>Two hours</li> </ul>	2013	<ul> <li>Attendance sheets</li> <li>Evaluation forms</li> <li>OhioTRAIN records</li> </ul>	The Ohio State University, Center for Public Health Practice Laurie Dietsch

Training	Target Audience	Training Objectives	Curriculum/ Pre-requisites	Delivery Method	Training Frequency/ Length of Training	Dates of Training	Tracking & Human Resources Issues	Training Leader
CQI Tool Time: Planning Tools Module 4 of 5	All identified Leadership, Managers, and Supervisors on Teams ; Identified Team Members	Utilize three CQI planning tools (tree diagram, Gantt chart, and affinity diagram)	<ul> <li>Tree diagram</li> <li>Gantt chart</li> <li>Affinity diagram</li> </ul>	- Independent study online course	<ul> <li>One time only</li> <li>As needed basis</li> <li>Two hours</li> </ul>	2013	<ul> <li>Attendance sheets</li> <li>Evaluation forms</li> <li>OhioTRAIN records</li> </ul>	The Ohio State University, Center for Public Health Practice Laurie Dietsch
CQI Tool Time: Telling Your Story Module 5 of 5	All identified Leadership, Managers, and Supervisors on Teams ; Identified Team Members	Practice using at least three different CQI- specific tools in creating a QI project storyboard	- Utilize a storyboard for a QI project presenting your case study	- Independent study online course	<ul> <li>One time only</li> <li>As needed basis</li> <li>Two hours</li> </ul>	2013	<ul> <li>Attendance sheets</li> <li>Evaluation forms</li> <li>OhioTRAIN records</li> </ul>	The Ohio State University, Center for Public Health Practice Laurie Dietsch
Advanced CQI Training	All identified leadership, Managers, Supervisors (SAT/MMM)	<ul> <li>Understanding and using data</li> <li>Utilizing advanced CQI Tools</li> <li>Sharing Results</li> <li>Taking QI to the next level</li> </ul>	<ul> <li>Culture of Quality</li> <li>Work experience</li> </ul>	- Instructor led in classroom	- Two hours	2013	<ul> <li>Attendance Sheets</li> <li>Evaluation forms</li> <li>OhioTRAIN records</li> </ul>	Laurie Dietsch

Training	Target Audience	Training Objectives	Curriculum/ Pre-requisites	Delivery Method	Training Frequency/ Length of Training	Dates of Training	Tracking & Human Resources Issues	Training Leader
National CQI Certificate	Identified CPH staff	<ul> <li>Quality Improvement</li> <li>Quality Process</li> <li>Performance Improvement</li> </ul>	<ul> <li>Work</li> <li>experience</li> <li>Complete</li> <li>basic course</li> <li>curriculum</li> <li>Complete an</li> <li>exam</li> </ul>	<ul> <li>Self-study certificate program</li> <li>Instructor led in classroom</li> </ul>	<ul> <li>Quality</li> <li>Improvement</li> <li>Associate</li> <li>Certification</li> <li>Quality</li> <li>Process</li> <li>Analyst</li> <li>Certification</li> <li>Public Health</li> <li>Certificate in</li> <li>Performance</li> <li>Improvement</li> </ul>	- When available	<ul> <li>Course certificate</li> <li>OhioTRAIN records</li> </ul>	<ul> <li>Laurie Dietsch</li> <li>Beth Ransopher</li> <li>ASQ</li> <li>ISPI</li> <li>OPEG</li> <li>OSU</li> <li>University of Minnesota</li> </ul>
Internal CPH CQI Groups	CPH staff involved in team projects	Share successes and lessons learned of team projects	<ul> <li>Informal groups to discuss progress</li> <li>Develop a learning community</li> <li>Reward the work of teams</li> </ul>	<ul> <li>Discussion- based groups</li> <li>Seminar series</li> <li>Sharing</li> <li>Poster sessions and tabletop displays</li> </ul>	- Annually - As needed	2013	<ul> <li>Attendance sheets</li> <li>Evaluation forms</li> </ul>	Laurie Dietsch
CQI for Public Health: Big QI – QI Plans & Culture	All identified Leadership, Managers, and Supervisors on Teams ; Identified Team Members	<ul> <li>How to use performance measures</li> <li>How to use program evaluation</li> <li>How to implement QI/QC/QA</li> </ul>	<ul> <li>Culture of Quality</li> <li>Big QI planning</li> </ul>	- Instructor led in classroom	<ul> <li>One time only</li> <li>As needed basis</li> <li>Two hours</li> </ul>	2013	<ul> <li>Attendance sheets</li> <li>Evaluation forms</li> <li>OhioTRAIN records</li> </ul>	Laurie Dietsch

Training	Target Audience	Training Objectives	Curriculum/ Pre-requisites	Delivery Method	Training Frequency/ Length of Training	Dates of Training	Tracking & Human Resources Issues	Training Leader
CQI Customer Focus: Identifying Customer Needs & Expectations	All identified Leadership, Managers, and Supervisors on Teams ; Identified Team Members	<ul> <li>Identify         <ul> <li>customer</li> <li>needs and</li> <li>expectations</li> </ul> </li> <li>Name types of         <ul> <li>data collection</li> <li>Explain the</li> <li>difference</li> <li>between</li> <li>evaluating</li> <li>qualitative and</li> <li>quantitative</li> <li>data</li> <li>Developing</li> <li>surveys</li> </ul> </li> </ul>	<ul> <li>Surveys, interviews, and focus groups</li> <li>Decision Making</li> </ul>	- Instructor led in classroom	<ul> <li>One time only</li> <li>As needed basis</li> <li>Two hours</li> </ul>	2013	<ul> <li>Attendance sheets</li> <li>Evaluation forms</li> <li>OhioTRAIN records</li> </ul>	Laurie Dietsch
How to Mentor CQI Projects	CPH staff with experience conducting QI projects and willing to be a mentor	<ul> <li>Define what a mentor is</li> <li>Explain at least three ways to be a good mentor</li> </ul>	<ul> <li>Develop a pool of CPH staff to mentor other CPH staff on CQI</li> <li>Create Pool Tools</li> </ul>	- Instructor led in classroom	<ul> <li>One time only</li> <li>As needed basis</li> <li>Two hours</li> </ul>	2014	<ul> <li>Attendance sheets</li> <li>Evaluation forms</li> <li>OhioTRAIN records</li> </ul>	Quality Team
CQI "In A Minute" In Service Trainings	CPH staff at staff meetings	<ul> <li>Identify at least three tools used in the QI process</li> <li>Explain Big QI versus Little QI</li> </ul>	<ul> <li>Develop "In A Minute" in service training</li> <li>FAB PHAB Training sessions</li> </ul>	- Instructor led in classroom during regularly scheduled staff meetings	- 15 minutes each	2014	<ul> <li>Attendance sheets</li> <li>Evaluation forms</li> <li>OhioTRAIN records</li> </ul>	Laurie Dietsch; Quality Team

Training	Target Audience	Training Objectives	Curriculum/ Pre-requisites	Delivery Method	Training Frequency/ Length of Training	Dates of Training	Tracking & Human Resources Issues	Training Leader
CQI External Community Mentoring Group CQI Community Mentoring Pool	<ul> <li>Identified community groups</li> <li>Partners: FCPH and OSU</li> <li>Potential: other LHD's, hospitals, businesses, ISPI, ASQ, OPEG</li> </ul>	<ul> <li>CPH staff trained and experienced in CQI will become a CQI mentor to others in the community</li> <li>Share CQI best practices</li> </ul>	<ul> <li>Create a mentoring pool</li> <li>Collaborate with other health departments and community partners</li> <li>Informal groups to discuss progress</li> <li>Develop a learning community</li> </ul>	<ul> <li>Discussion based meetings</li> <li>Seminars</li> <li>Share best practices</li> </ul>	- Annually - As needed	2015	- Attendance sheets - Evaluation forms	Laurie Dietsch; Quality Team
Collecting and Managing Data & Statistics	All identified Leadership, Managers, and Supervisors on Teams ; Identified Team Members	<ul> <li>Define what constitutes good data for a QI project</li> <li>Explain ways to manage data</li> </ul>	<ul> <li>Using data to begin projects</li> <li>Learn how to manage data as a means of improvement</li> </ul>	- Instructor led in classroom	<ul> <li>One time only</li> <li>As needed basis</li> <li>Two hours</li> </ul>	2015	<ul> <li>Attendance sheets</li> <li>Evaluation forms</li> <li>OhioTRAIN records</li> </ul>	Laurie Dietsch
How to Develop Good Survey Questions	All identified Leadership, Managers, and Supervisors on Teams ; Identified Team Members	<ul> <li>Write at least three approved survey questions</li> <li>Explain how surveys enhance quality improvement</li> </ul>	<ul> <li>Types of surveys</li> <li>How to write survey questions</li> <li>Benefit of surveys to quality improvement</li> </ul>	- Instructor led in classroom	<ul> <li>One time only</li> <li>As needed basis</li> <li>Two hours</li> </ul>	2015	<ul> <li>Attendance sheets</li> <li>Evaluation forms</li> <li>OhioTRAIN records</li> </ul>	Laurie Dietsch

## **Acronyms**

ASQ - American Society for Quality CPH – Columbus Public Health CQI – Continuous Quality Improvement FCPH – Franklin County Public Health ISPI – International Society for Performance Improvement LHD – Local Health Department OPEG – Ohio Public Evaluators Group OSU – The Ohio State University QI – Quality Improvement