

# Environmental Measurement Data Dictionary

## Outcome Measures – Level 3

Category	Definition	Metric	Unit of Measure
Reduced Operating Costs *	Financial savings derived from the outcome of implementing a P2 activity. (including materials, labor, energy, machinery, administrative, waste management, or other process costs)	Dollars	Dollars/year
Non hazardous materials	Process input supplies and feed stocks that are not toxic or hazardous. Examples include packaging, building materials, aqueous cleaners, etc.	Materials Reduced	Pounds/year
Hazardous Materials	Process input supplies and feedstocks that are toxic or hazardous. Examples include chemicals, solvents, pesticides, etc.	Hazardous Materials Reduced (Includes reduction from more hazardous to less hazardous)	Pounds/year
Hazardous Wastes	State and/or federally listed hazardous or toxic wastes or wastes meeting the criteria for ignitability, toxicity, corrosivity or reactivity.	Hazardous Waste Reduced (includes in-process recycling)	Pounds/year
Air Emissions (includes mobile sources)	The release of any of the following: Toxic air emissions (includes CAA 112b HAP, TRI, and others) VOC's (carbon based compounds which are photo-chemically reactive (may be some double counting of HAP within VOC) Nitrogen Oxides	Air Emissions Reduced	Pounds/year

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	Sulfur Oxides Carbon Dioxide PM Other air emissions not included above		
Solid Waste	Wastes other than RCRA hazardous wastes	Solid Waste Reduced	Pounds/year
Energy	Energy is any source providing usable power	Energy Reduced	Specific to energy type such as therms or kilowatt hours
Green Energy	Energy produced from renewable sources such as solar, wind, geothermal, low-impact hydro, and biomass	Energy Generated Energy Purchased	Specific to energy type such as therms or kilowatt hours
Water Use	Incoming raw water, from outside sources, for operations, facility use and grounds maintenance.	Gallons of Water Reduced	Gallons/year
Water Pollution (includes point sources, nonpoint sources, and stormwater)	Quantity of pollutant discharged (for example, BOD, COD, toxics, nutrients, TSS, contaminants in stormwater and pathogens. Includes discharges to sewer systems, septic systems, injection wells, ground water, etc.)	Pounds Reduced	Pounds per Year

\* The Region 10 P2 Results Aggregation tool automatically calculates reduced operating cost using a defined set of mathematical formulas based on regional resource costs. Any actual operating costs that are known should also be entered and will be used.

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## Behavioral Changes – Level 2

<b>Metric</b>	<b>Definition</b>	<b>Unit of measure</b>
Clients reporting adoption of P2 policies	Any P2 policy adopted by a client	Number of clients
People trained in P2 by clients	Any training provided by a client to others	Number of people
Clients developing environmental management systems (EMS)	Any client developing an EMS	Number of clients
Clients that have developed a P2 team	Any client creating a group whose stated purpose is to perpetually seek ways to reduce pollution.	Number of clients
Clients that have mapped their process/es	Any client who has diagramed all their waste streams and waste stream sources	Number of clients
Clients reporting compliance improvements	Numeric quantity of clients who came into compliance using a pollution prevention technique	Number of clients
Clients reporting that they implemented P2 suggestions	Any P2 opportunity actualized by a client as a result of one of your activities.	1) Number of clients 2) Number of suggestions
Clients reporting increased awareness and understanding of P2 opportunities	Any improvement by a client in comprehension and knowledge of P2 opportunities as a result of one of your activities.	Number of clients

## Activity Measures – Level 1

<b>Metric</b>	<b>Definition</b>	<b>Unit of Measure</b>
Trainings, workshops, meetings, conferences and roundtables	Planned event drawing attendance from multiple facilities and designed to disseminate P2 information	Number of attendees
P2 Plans	A plan received by any program that requires businesses of a certain size or sector to	Number of facilities participating in P2

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	proactively seek and report reductions of waste/pollution	planning
Site Visits	A visit made by a representative of an agency/organization to members of their client base. Impetus can be client request or agency/org. solicitation.	1) Number of visits 2) Site visit hours
Brief Assistance	A reply to any electronic or personal inquiry providing relevant P2 suggestions	Number of responses
P2 Information Developed	Any publication, paper or electronic, including but not limited to a handout, presentation, fact sheet, case study, pamphlet, manual, video tape, slide show, CD-ROM, web page or computer program etc., specifically designed in whole or in part and disseminated to inform clients about P2 opportunities.	Number of unique documents developed
P2 Information Distributed	Any publication, paper or electronic, including but not limited to a handout, presentation, fact sheet, case study, pamphlet, manual, video tape, slide show, CD-ROM, web page or computer program etc., specifically designed in whole or in part and disseminated to inform clients about P2 opportunities.	Number of documents distributed
Grants Awarded	Any grant awarded, by a program or agency, to small businesses and others to support P2 activities	1) Number of grants awarded 2) Total amount of grant, including match
Web Visitors to Online Information	A visit to a website whose purpose is to disseminate P2 information, excluding internal website use as well as “spider” or “robot” activity. These visits are most commonly tracked as “page impressions”	1) User Sessions 2) Page Views (page impressions)
Award programs	Any program implemented with the stated goal of regularly providing recognition for successful pollution prevention activities.	Number of applications
Leadership programs	Any leadership program Any program implemented with the stated goal of regularly providing recognition for environmental leadership activities.	Number of participants

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## Investment in P2 Activities

<b>Metric</b>	<b>Definition</b>	<b>Unit of measure</b>
1) Federal funds 2) State, local, non-profit and matching funds	Money received for pollution prevention programs and assistance	Dollars

Have the model give options on how many years reduction you claim. The default is for the tool will be (and will be stated) to claim any single reduction will carry over for five years. However, if you have specific data and want to enter it for each of five years, the option should be available.