

ENVIRONMENTAL LITERACY INDICATORS DISCUSSION GUIDE

STUDENTS:

(or %) of responding school divisions providing MWEEs for all (or some) elementary school students

(or %) of responding school divisions providing MWEEs for all (or some) middle school students

(or %) of responding school divisions providing MWEEs for all (or some) high school students

Data collection: ELIT tool (TBD – every 2-5 years)

Questions:

- Given that we may have different levels of participation each time we administer the survey, should we show by # or %?
- Should we only include those school divisions that have “all” students participating or should we include both “some” and “all” to show progress (even though “some” is not defined)?
- All school divisions or just school divisions in the watershed? States don’t care about watershed distinction.
- Data is more meaningful at state level. Is there a way to highlight at this level?

Visualization notes:

- Agreement states elementary, middle, and high so we need to track at each level
- Line graphs showing trends for each elementary, middle, high
- Series of maps of school divisions (one for each elementary, middle, high) shaded with different colors showing status

SCHOOLS:

(or %) of schools holding sustainable school certification

Data collection: Identified sustainable school programs provide list of schools that are certified (annual)

Questions:

- Should we use # of schools or percent of schools? (% of schools is going to be quite low)
- All schools or just schools in the watershed? States don’t care about watershed distinction.
- Data is more meaningful at the state level because some states prioritize while others do not. Is there a way to highlight data at this level?

Visualization notes:

- Data that we have includes school name, level (elem, middle, high), state, school division, and certification program
- Stacked bar graph with different states in different colors
- Maps that show schools with different color dots indicating elem, middle, or high school

LOCAL EL PLANNING:

(or %) of responding school divisions who have systemic environmental literacy programs

Data collection: ELIT tool (TBD – every 2-5 years)

Questions:

- Given that we may have different levels of participation each time we administer the survey, should we use # of school divisions or percent of school divisions?

Visualization notes:

- Would be great to show by state, but Pennsylvania has a disproportionate number of school divisions because of highly localized govt (500).
- Stacked bar graph with different colors indicating the different states
- Map of school divisions with different colors showing status

STATE EL PLANNING:

of states with comprehensive plans for student environmental literacy

Data collection: State departments of education survey (annual) – NOT YET IMPLEMENTED

Questions:

- EL Planning outcome says policies, programs, and metrics in place. Is there a way to get at this more holistically?
- Is this one useful given the small number of states?

Overarching Questions:

- Can CBP develop the maps if data is provided?