

Data Quality Record for Superfund Human Exposure under Control Long-Term Performance Goal

Long-Term Performance Goal Text: By September 30, 2026, bring human exposures under control at 60 additional Superfund sites.

Corresponding Annual Performance Goal: Number of Superfund sites with human exposures brought under control.

Goal Number/Objective: Goal 6/Objective 6.1

NPM Lead: Office of Land and Emergency Management (OLEM)

1a. Purpose of Long-Term Performance Goal:

This long-term performance goal (LTPG) documents progress achieved in controlling unacceptable human exposures to contamination at both private and federal facility Superfund sites and denotes a sitewide accomplishment.

1b. Performance Measure Term Definitions:

The Human Exposure Under Control (HEUC) LTPG documents current, sitewide conditions as they relate to potential exposure pathways between harmful substances and human receptors. The universe of applicable candidates consists of all final and deleted Superfund National Priorities List (NPL) sites and sites with Superfund Alternative Agreements (SAAs) in place.

1c. Unit of Measure:

The number of Superfund sites.

2a. Data Source:

The primary data source is the Superfund Enterprise Management System (SEMS). Regional remedial project managers, and the headquarters (HQ) data sponsor, report data to the system. Data are collected daily and are reported monthly at the OLEM Monthly Business Review. Data are collected at the site level.

2b. Data needed for interpretation of (calculated) Performance Result:

As of the end of fiscal year 2021, there were 1,555 Superfund sites considered HEUC out of a total of 1,825 sites where human exposure is tracked. The universe of considered sites is all final and deleted NPL sites and SAA sites. The total number of sites in this baseline at the end of FY 2021 was 1,555 sites. The baseline is updated annually.

3. Calculation Methodology:

EPA counts toward the total a site that transitions from either the Human Exposure Insufficient Data or Human Exposure Not Under Control categories to the HEUC category.

4. Quality Assurance/Quality Controls:

The Office of Superfund Remediation and Technology Innovation (OSRTI) uses the [Superfund environmental indicators guidance document](#) as a primary source of information for managing the human exposure long-term performance goal. OSRTI also has a data sponsor for the LTPG whose role is to QA/QC regional evaluations for the daily as they appear in an HQ approval queue in SEMS.

5. Data Limitations/Qualifications:

The HEUC LTPG is not a performance measure of cleanup progress or remedy selection/implementation at Superfund sites. It is purely a current evaluation designed to document progress achieved in controlling unacceptable human exposures to contamination.

6. Technical Contact:

Boone O’Neil (OLEM), 202-566-1094, oneil.boone@epa.gov

7. Certification Statement/Signature:

I certify the information in this DQR is complete and accurate.

PDAA Signature Original signed by Barry N. Breen **Date** 5/19/2022