

**Formula Allocation Factors:
Division of Public Health Consolidated Contract
Preliminary Report on Formulas for 2017 Allocations**

The following programs (excluding Public Health Preparedness) included in the Division of Public Health (DPH) consolidated contract (Childhood Lead Poisoning Prevention, Immunization, Maternal and Child Health, Preventive Health and Health Services Block Grant) use the following five factors in their allocation formulas:

1. Base Allocation (base amount or amount per local public health department by level)
2. General Population
3. Target Population(s)
4. Risk Factor(s)
5. Geographic Area (size of service area and/or density of population¹)

Each program then assigns different weights (0%-100%) to each of these factors.

The factors specific to each program and the corresponding weights follow:

Childhood Lead Poisoning Prevention

| | Base Allocation | General Pop | Target Pop | Risk Factors | Geographic Area |
|---------|-----------------------------|--------------------|-------------------|--|------------------------|
| Weight | 0% | 0% | 5% | 95% 4 factors | 0% |
| Formula | Level I,II,III= 1x-2x-3x | Total Population | Children age 0-5 | (1) 40% for pre-1940 dwellings X %children 0-5 in MA (2) 25% children 0-5 in MA (3) 25% for 3 -yr avg BLLs GE 10mcg/dl plus [3-yr avg EBLs X 3]; | Square Mileage |

Immunization

| | Base Allocation | General Pop | Target Pop | Risk Factors | | | Geographic Area |
|---------|-----------------------------|--------------------|-------------------|---------------------|-----------------|-------------------------|------------------------|
| Weight | 17.5% | 17.5% | 30% | 10% | 10% | 10% | 5% |
| Formula | Level I,II,III= 1x-2x-3x | Children age 0-5 | Number of Births | Teen Births, | Minority Births | Children 0-5 in Poverty | Square Mileage |

Maternal and Child Health

| | Base Allocation | General Pop | Target Pop | Risk Factors | | | Geographic Area |
|---------|----------------------------|--------------------------|--|---------------|---------------------------------|------------------|-----------------|
| Weight | 10% | 5% | 40% | 13.3% | 13.3% | 13.3% | 5% |
| Formula | Level I,II,III = 1x-5x-10x | Area Population Age 0-44 | 0-5 < 150% Poverty, Females 18-44 < 185% | Infant Deaths | < High School Education Mothers | Low Birth Weight | Square Mileage |

Preventive Health and Health Services

| | Base Allocation | General Pop | Target Pop | Risk Factor | Geographic Area |
|---------|---------------------------|------------------|----------------------------|--------------------------------------|-----------------|
| Weight | 20% | 23.5% | 27.5% | 24% | 5% |
| Formula | Level I,II,III = 1x-2x-3x | Total Population | People in poverty at <185% | Rate of years of potential life lost | Square Mileage |

Public Health Preparedness/Cities Readiness Initiative

| CDC Prep | Base Allocation | Gen. Pop | Target Pop | Risk Factors | | | Geog. Area |
|----------|--------------------|------------|---------------|---------------|----------------|-----------------------|----------------|
| Weight | | 60% | 15% | 6.7% | 6.7% | 6.6 | 10% |
| Formula | \$25,000/LHD/Tribe | Total Pop. | Poverty <185% | Children 0-17 | Population 65+ | Limited or no English | Square Mileage |

| CRI | Base Allocation | General Pop | Target Pop | Risk Factors | | | Geog. Area |
|---------|-----------------------|-------------|--------------------|---------------|--------------------------------|------------------|----------------|
| Weight | | 5% | 10% | 20% | 35% | 15% | 5% |
| Formula | \$1,000 10% LHD Level | Pop. 0-44 | Children & Females | Infant Deaths | < High School Educated Mothers | Low Birth Weight | Square Mileage |

