



**Public
Health
Genetics
Week**

Public Health Screening

Public health screening, within genetics, uses biomarkers to screen for genetic conditions in a specific population. Examples include newborn screening and population screening.

Newborn Screening

Each state screens newborns, nearly 4 million a year across the US, for certain conditions. The newborn screening system is comprised of:

1

**Blood test or
heel stick**

2

Hearing screen

3

Pulse oximetry

Population Screening

Beyond newborn screening, screening occurs for various populations. CDC recommends three screening tools:



**Hereditary Breast
and Ovarian Cancer**



Lynch Syndrome



**Familial
hypercholesterolemia**

Learn More:

<https://phgw.org/public-health-screening/>