

## Estimating the Need: Projecting for Permanent Supportive Housing

These projections utilize methodologies outlined in CSH's Publication, *Estimating the Need*, March 2005 Available at <http://www.csh.org>

### Point-in-Time (PIT) Number of Homeless Persons in Ohio

Area of State	Number of Homeless (sheltered + unshelt)	Number of Chronic (indiv only, shelt + unshelt)	Number of Sheltered Homeless	Individuals (sheltered + unshelt)	Persons in Families (sheltered + unshelt)	Families (household units)
Akron/Summit	1,050	208	855	830	220	76
Canton/Stark	615	88	435	281	334	108
Cincinnati/Hamilton	1,344	352	1,145	887	457	139
Cleveland/Cuyahoga	2,208	1,152	1,984	1,784	424	147
Columbus/Franklin	1,869	433	1,807	1,022	847	235
Dayton/Kettering/Montgomery	804	127	732	424	380	143
Toledo/Lucas	739	231	597	464	275	95
Youngstown/Mahoning	364	224	266	222	142	46
Balance of State	7,172	1,209	4,888	3,514	3,658	1,353
<b>TOTAL</b>	<b>16,165</b>	<b>4,024</b>	<b>12,709</b>	<b>9,428</b>	<b>6,737</b>	<b>2,342</b>

<b>Annual Prevalence Using Projection Methodology #1</b>	<b>55,737</b>
<b>Annual Prevalence Using Projection Methodology #2</b>	<b>49,257</b>
<b>Annual Prevalence Using turnover and poverty rate Estimates #3</b>	<b>78,727</b>
<b>Average of all three</b>	<b>61,240</b>

PSH Need Estimates		
10%	15%	20%
5574	8361	11147
4926	7389	9851
7873	11809	15745
<b>6,124</b>	<b>9,186</b>	<b>12,248</b>

**Projection #1      Projecting to an Annual Estimate when you have Personal Information**

$$A + ((B*51) * (1-C)) = \text{annual estimate}$$

A = PIT count of currently homeless (CH) people - including adults and children, not including PSH  
A = 16165

B = number of CH adults and children who 1) became homeless within last 7 days, whether for the first time or not, 2) were already homeless, but just entered the boundaries of Ohio within the last 7 days  
B = 969.9      6% of PIT (source = CSH example)

C = proportion (expressed in decimals) of CH adults and children in A who have had a previous homeless episode within the past 12 months  
C = 0.20      20% (source = CSH example)

$$16165 + ((969.9*51) * (1-.20)) = \text{annual estimate}$$

**55737 = annual estimate**

Projection #1 Limitations:

1. Need number of "new" homeless who entered shelter within 7 days of the PIT count
2. Need number of previous homeless episodes within the past 12 months

**Projection #2      Projecting to an Annual Estimate when you have NO Personal Information**

$$A + ((B*365/C) * (1-D)) = \text{annual estimate}$$

A = PIT count of currently homeless (CH) people - including adults and children, not including PSH

$$A = 16165$$

B = number of CH adults and children who counted in emergency shelters only

$$B = 9477 \quad \text{sum total from each jurisdiction's CoC Exhibit 1 data}$$

C = average length of stay for all emergency shelters contributing people to the PIT count

$$C = 60 \quad \text{60 days (source = CSH example)}$$

D = correction factor for more than one emergency shelter stay during a 12-month period,  
either returning to the same shelter or going to a different one.

$$D = 0.426 \quad \text{Half the adults } (2342 + 9428)/2 \text{ and 10\% of kids } (4395) / B$$

$$16165 + ((9477*365/60)(1-.426)) = \text{annual estimate}$$

**49257 = annual estimate**

Projection #2 Limitations:

1. Need the length of stay (LOS) in Emergency Shelter

**Projection #3**

**Projecting to an Annual Prevalence using NSHAPC Data and National Averages**

**Summary of estimates on annual number of homeless people**

6.3% of poverty	105,141
8.2% of poverty	136,851

OH pop x rate per 10,000 divided by multiplier	32,924
Continua of Care estimate x average multiplier	39,993

**Average 78,727**

Ohio Pop.	11,353,140
Poverty Rate (14.7%)	1,668,912
PIT Rate of Homelessness per 10,000 Tot. Pop. (NSHAPC)	29
CoC PIT Multiplier for ES and Street Homeless (NSHPAC)	4.22
PIT Ohio Count	16165
ES and Street Count of PIT	9477