

# Improvement in CAR Score - Self Care/Basic Needs

## Establishment of Benchmark: Nov 08 - Apr 09

Printed Date: 2/17/2010

Benchmark finalized on 10/01/2009 for data last updated on 09/27/2009

### Report Description:

#### Measure: Improvement in CAR Score: Self Care/Basic Needs Domain

This report reflects the number of individuals who have an improvement in the Self Care/Basic Needs domain of the CAR scores between the selected month and seven months prior to the selected month. For example, if the indicated month is June 2008, the CAR score that was active on December 1, 2007 is compared to the most recent CAR score for June 30, 2008. To be included in this report, an individual must receive three services from contract sources Community Mental Health (01) or Medicaid Services for which DMHSAS Pays Match, Adults (50). Only clients that are active at the beginning of the seventh month (i.e., December 1, 2007 in the example above) are included.

The intent of this report is to identify the benchmark and present a summary of the data that determined the different levels of the benchmark.

#### Exclusion:

1. PACT clients
2. Discharge code 68 (Death)
3. Discharge code 65 (Incarcerated)
4. Persons under 18 years of age on the date of service
5. Data that are missing, invalid, or do not fit the criteria

#### Definitions:

**CAR Score - Self Care/Basic Needs:** Measures the adequacy with which the person is able to care for him/herself and provide his/her own needs such as food, clothing, shelter and transportation. This measure documents the person's ability to make reliable arrangements appropriate to his/her age, gender, culture and life circumstances. If the client lives in a supportive or dependent situation for reasons other than lack of ability (e.g. confined on criminal sentence), this domain estimates the ability to make arrangements independently and freely. Children, the disabled and elderly persons who are cared for by others should also be rated on their own ability to make arrangements compared to others their age. This measure reflects whether the person can be left alone for a period of time; makes known medical/dental needs; tends to self-grooming and appropriate dress; and takes medication as prescribed.

**Improve:** CAR Score - Self Care/Basic Needs at selected month is at least 5 points lower than CAR Score - Self Care/Basic Needs at seven months prior to selected month, or a score of 15 has been attained.

**No Change:** CAR Score -Self Care/Basic Needs did not decrease by at least 5 points or increase within measurement period (between selected month and seven months prior to selected month).

**Worsen:** CAR Score - Self Care/Basic Needs at selected month is higher than CAR Score - Self Care/Basic Needs at seven months prior to selected month.

**Percent:** The number of clients who reported an improvement (lower score; see definition for 'Improvement' above) in CAR Score - Self Care/Basic Needs between the selected month and seven months prior to the selected month divided by the provider's total number of clients reported to have improved, worsened, or exhibited no change in CAR Score - Self Care/Basic Needs x 100.

**Average:** The arithmetic mean of the data. In a data set, the mean is the sum of the data divided by the number of data points.

**Standard Deviation:** A measure of the dispersion or spread of the data. One standard deviation above and below the average determines the upper and lower limits.

**Upper Limit:** Average plus one standard deviation.

**Lower Limit:** Average minus one standard deviation.

**Benchmark:** A standard by which providers may be measured or judged.

#### How the Benchmark is Determined:

The benchmark is determined by the distribution of data from all 15 Community Mental Health Centers for a period of six months (11/01/2008 and 4/30/2009). From these data points, the average and standard deviations were calculated. These statistics were then used to establish the benchmark. The benchmark is utilized to assess monthly performance.

Benchmark categories are based on the average and upper and lower limits, as established in this report:

**None:** No points are awarded to an agency with a percentage below the lower limit.

**One Point:** An agency will receive one point when its monthly performance percent falls below the average but on or above the lower limit.

**Two Points:** An agency will receive two points when its monthly performance percent equals or exceeds the average.

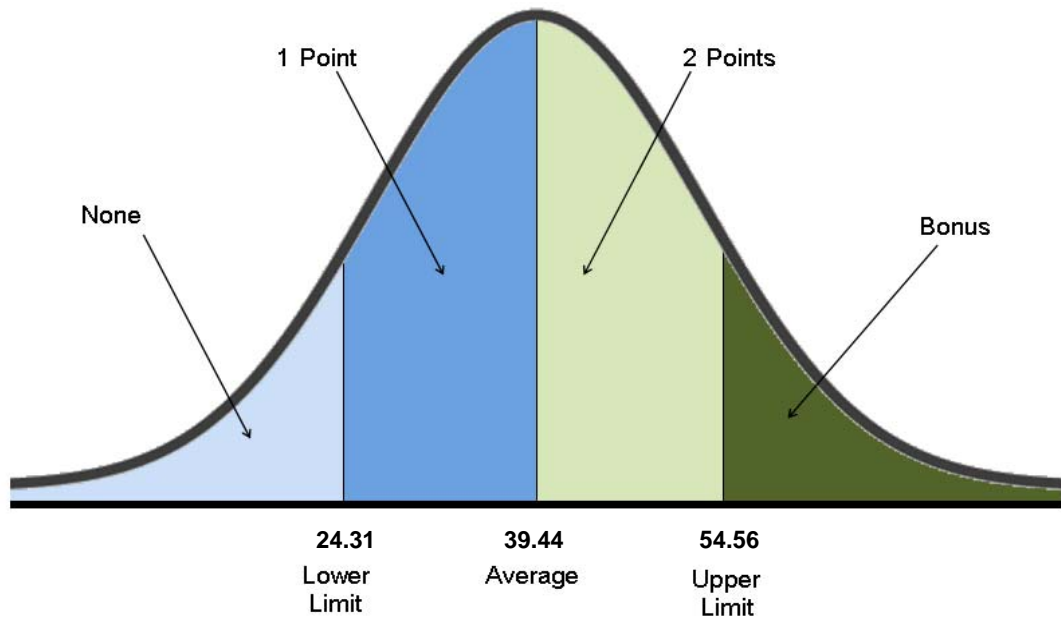
**Bonus:** Bonus points will be awarded to providers whose monthly percentage equals or exceeds the upper limit.

# Improvement in CAR Score - Self Care/Basic Needs Domain

## Establishment of Benchmark: Nov 08 - Apr 09

### Percent of Clients with an Improvement in CAR Score - Self Care/Basic Needs

Agency	Nov-08	Dec-08	Jan-09	Feb-09	Mar-09	Apr-09
Associated Centers for Therapy	59.29	59.72	59.40	58.25	60.99	60.41
Bill Willis CMHC	57.44	55.62	55.09	56.06	55.57	54.83
Carl Albert CMHC	59.64	58.60	59.32	57.42	57.17	57.89
Central Oklahoma CMHC	56.83	57.70	57.78	58.27	57.14	57.75
CREOKS Mental Health Services	29.22	30.15	32.22	35.05	34.70	35.39
Edwin Fair CMHC	32.38	31.28	32.72	32.39	33.02	33.68
Family & Children's Services	25.57	24.31	23.45	22.83	22.05	21.35
Grand Lake MHC	15.91	16.02	16.71	18.06	19.19	18.12
Green Country BHS	26.89	27.48	28.73	28.93	29.14	30.59
Hope Community Services	20.41	20.13	20.62	20.70	21.34	19.85
Jim Taliaferro CMHC	53.04	53.11	50.27	49.30	49.92	46.53
MHSSO	47.02	47.30	47.94	49.21	49.46	49.59
North Care Center	22.86	23.11	23.39	23.62	23.82	23.66
NW Center for Behavioral Health	54.28	54.08	53.07	49.71	50.33	50.70
Red Rock BHS	32.27	32.94	31.59	30.80	29.42	28.31



1 Standard Deviation = 15.13

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### Number of Clients with an Improvement in CAR Score - Self Care/Basic Needs

Agency	Nov-08	Dec-08	Jan-09	Feb-09	Mar-09	Apr-09
Associated Centers for Therapy	686	694	695	713	749	731
Bill Willis CMHC	390	381	384	398	409	414
Carl Albert CMHC	668	651	659	654	650	649
Central Oklahoma CMHC	566	592	587	599	596	607
CREOKS Mental Health Services	175	180	212	258	270	293
Edwin Fair CMHC	260	254	265	264	278	290
Family & Children's Services	708	699	675	642	624	607
Grand Lake MHC	244	253	269	294	319	306
Green Country BHS	139	147	160	160	167	171
Hope Community Services	218	216	220	218	230	214
Jim Taliaferro CMHC	288	290	279	280	304	288
MHSSO	584	569	583	621	636	660
North Care Center	352	367	373	377	383	389
NW Center for Behavioral Health	450	444	432	425	463	472
Red Rock BHS	605	608	592	579	559	541

### Number of Clients

Agency	Nov-08	Dec-08	Jan-09	Feb-09	Mar-09	Apr-09
Associated Centers for Therapy	1,157	1,162	1,170	1,224	1,228	1,210
Bill Willis CMHC	679	685	697	710	736	755
Carl Albert CMHC	1,120	1,111	1,111	1,139	1,137	1,121
Central Oklahoma CMHC	996	1,026	1,016	1,028	1,043	1,051
CREOKS Mental Health Services	599	597	658	736	778	828
Edwin Fair CMHC	803	812	810	815	842	861
Family & Children's Services	2,769	2,875	2,879	2,812	2,830	2,843
Grand Lake MHC	1,534	1,579	1,610	1,628	1,662	1,689
Green Country BHS	517	535	557	553	573	559
Hope Community Services	1,068	1,073	1,067	1,053	1,078	1,078
Jim Taliaferro CMHC	543	546	555	568	609	619
MHSSO	1,242	1,203	1,216	1,262	1,286	1,331
North Care Center	1,540	1,588	1,595	1,596	1,608	1,644
NW Center for Behavioral Health	829	821	814	855	920	931
Red Rock BHS	1,875	1,846	1,874	1,880	1,900	1,911