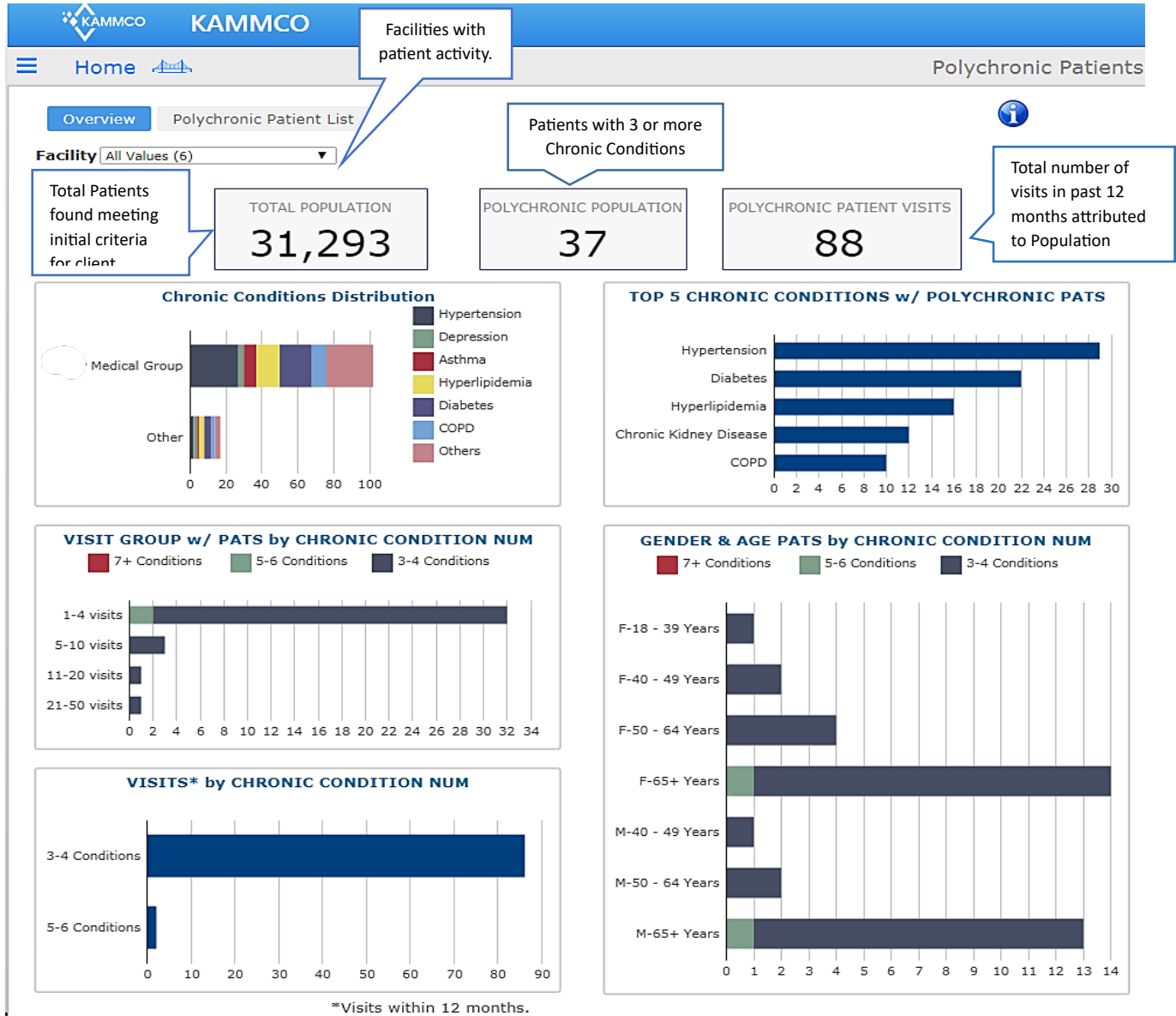




Dashboard User Guide – Polychronic Patients





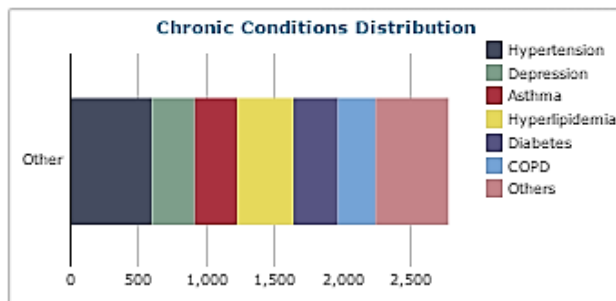
PolyChronic Patients

OVERVIEW: Patients with 3 or more Chronic Disease Conditions.

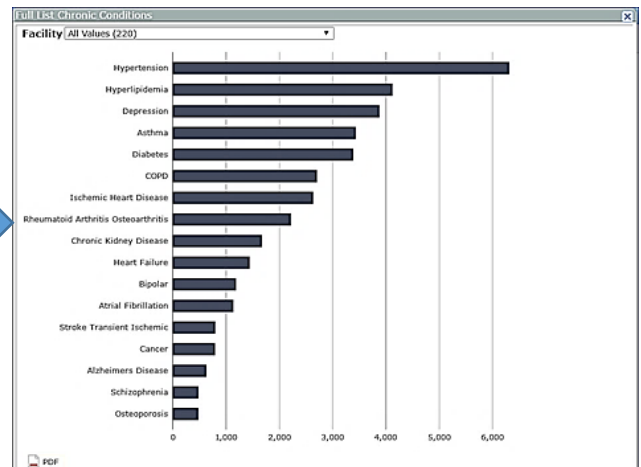
A CMS list of 27 chronic conditions is the reference. Clinical advisory members refined the conditions down to 17 for display. <https://www.ccwdata.org/web/guest/condition-categories>

- All Values (17)
- Alzheimers Disease
- Asthma
- Atrial Fibrillation
- Bipolar
- Cancer
- Chronic Kidney Disease
- COPD
- Depression
- Diabetes
- Heart Failure
- Hyperlipidemia
- Hypertension
- Ischemic Heart Disease
- Osteoporosis
- Rheumatoid Arthritis Osteoarthritis
- Schizophrenia
- Stroke Transient Ischemic

PURPOSE: Polychronic Patient dashboard identifies patients that could be considered most at risk for poor health outcomes, high resource utilization and in need of care coordination and management.



Chronic Conditions Distribution shows distribution of chronic conditions by color code. Hover over individual bar provides specific number of patients with that condition. Numbers will be greater than the number of patients due to multiple conditions/patient.



Clicking on any bar from the Chronic Conditions color chart opens a distribution of chronic diseases in a descending order of frequency for the population. Can be limited to 1 facility to note differences. NOTE: Facility with most recent use of the chronic diagnosis is identified as the source. PDF option available.



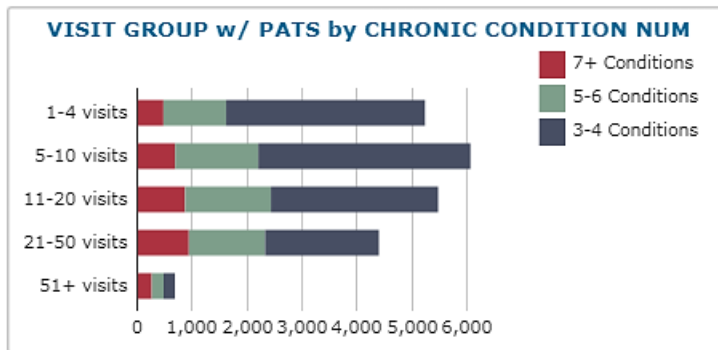
Facility All Values (16)

Chronic Condition Hypertension

#	Name	DOB	Sex	Ethnicity	Facility
2,598					
1	8837, Patient	11/15/1981	M	Not Hispanic or Latino	Facility 11
2	9141, Patient	05/16/1995	M	Not Hispanic or Latino	Facility 11
3	9889, Patient	01/09/1981	M	Not Hispanic or Latino	Facility 11
4	10832, Patient	08/11/1972	M	Not Hispanic or Latino	Facility 11
5	10886, Patient	09/11/1973	M	Not Hispanic or Latino	Facility 11
6	11143, Patient	01/09/1981	M	Not Hispanic or Latino	Facility 11
7	17819, Patient	11/18/1955	M	Not Hispanic or Latino	Facility 13
8	18488, Patient	1/25/1931	M	Not Hispanic or Latino	Facility 5
9	22081, Patient	12/6/1979	M	Not Hispanic or Latino	Facility 10
10	22325, Patient	2/25/1973	M	Not Hispanic or Latino	Facility 7
11	22335, Patient	8/8/1981	M	Not Hispanic or Latino	Facility 8
12	23589, Patient	12/4/1934	M	Not Hispanic or Latino	Facility 11
13	29002, Patient	6/10/1988	F	Not Hispanic or Latino	Facility 10
14	29417, Patient	12/19/1978	M	Not Hispanic or Latino	Facility 13
15	32393, Patient	7/5/1962	F	Not Hispanic or Latino	Facility 11
16	38390, Patient	10/19/1982	F	Not Hispanic or Latino	Facility 13
17	40743, Patient	6/16/1935	M	Not Hispanic or Latino	Facility 2
18	41392, Patient	5/15/1984	M	Not Hispanic or Latino	Facility 11
19	42558, Patient	9/9/1985	F	Not Hispanic or Latino	Facility 2
20	44052, Patient	4/18/1964	M	Not Hispanic or Latino	Facility 1
21	44538, Patient	10/2/1925	M	Not Hispanic or Latino	Facility 2
22	44600, Patient	2/26/1967	M	Not Hispanic or Latino	Facility 2
23	44650, Patient	5/19/1921	M	Not Hispanic or Latino	Facility 11

PDF Excel

Selecting an individual condition from distribution chart opens a **patient list with that chronic condition**. List will retain selection from previous chart or can be filtered by **Facility** and **Chronic Condition** without returning to previous chart. **Total** number of patients with chronic condition displays in upper left of list. Columns are sortable in ascending and descending order by clicking on column headers. **PDF and Excel exports** opens by clicking on icon in



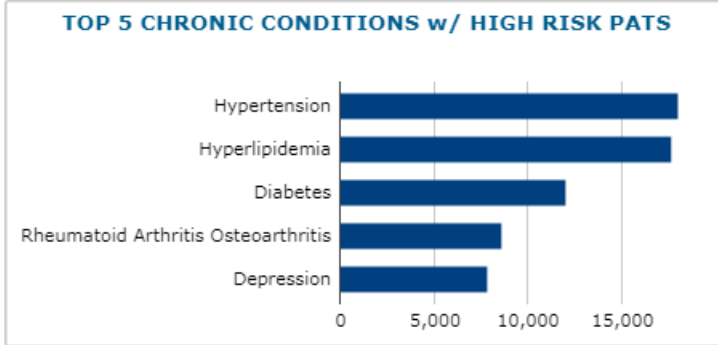
This chart displays association between **number of Chronic Conditions and visit ranges**. Hover over any segment provides breakdown of patients with chronic conditions for that visit range. Click on bar opens **patient specific list**. Displays total number of patients. Can filter on number of visits and Number of Chronic Conditions. Same column sort features, name, DOB, sex. Export to Excel or PDF



Visit Group 5-10 visits

Number of Chronic Conditions Group All Values (3)

Patient Name	Patient DOB	Sex	Ethnicity	Pat #
8837, Patient	11/15/1981	M	Not Hispanic or Latino	1
9141, Patient	05/16/1995	M	Not Hispanic or Latino	1
11143, Patient	01/09/1981	M	Not Hispanic or Latino	1
17819, Patient	11/18/1955	M	Not Hispanic or Latino	1
21629, Patient	10/06/1972	M	Not Hispanic or Latino	1
22081, Patient	12/06/1979	M	Not Hispanic or Latino	1
22325, Patient	02/25/1973	M	Not Hispanic or Latino	1
23589, Patient	12/04/1934	M	Not Hispanic or Latino	1



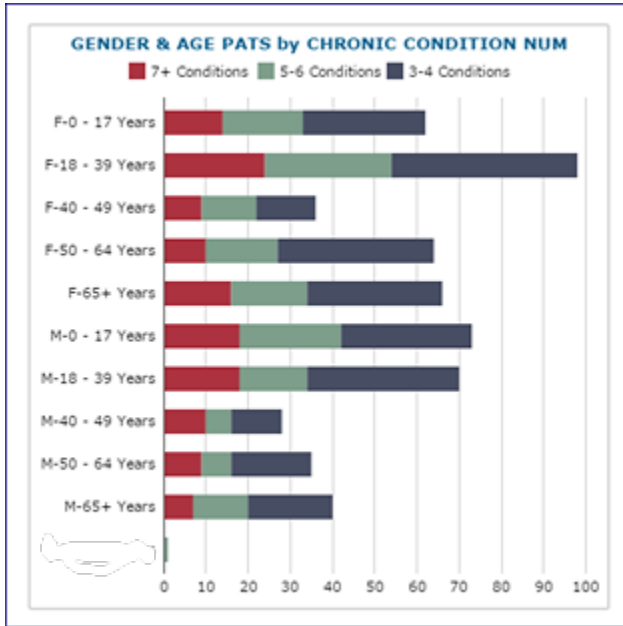
Top 5 Chronic Conditions -frequency of chronic conditions among patients.

Click on bar opens patient list.

Displays: Facility with **most recent use** of that Chronic Diagnosis

Can filter by Facility and/or individual Chronic Condition.

Same column sort features, name, DOB, sex and by ...



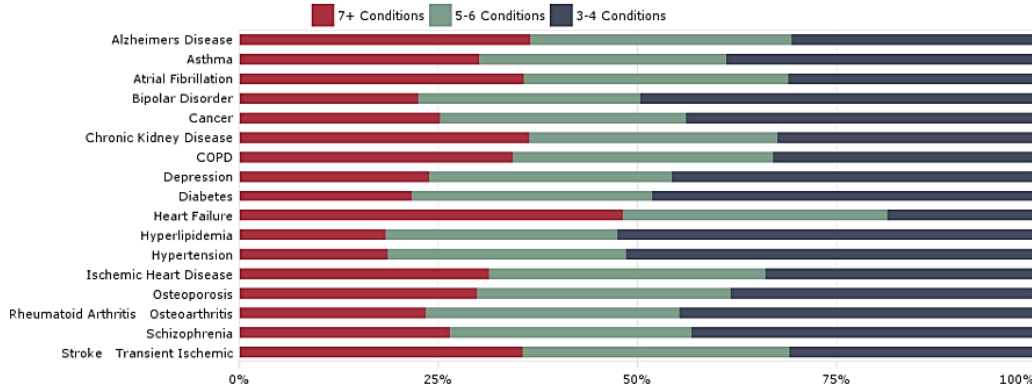
Patient Drill Down from Gender and Age for # Chronic Conditions

Gender and Age Distribution of Patients
This report adds graphic analysis of the number of chronic conditions by age and sex.



Overview Polychronic Patient List

Facility All Values (16)



Polychronic Patient List

Displays distribution of chronic diseases among the patient population. As example. For those with 7+ conditions, Heart Failure is present 50% of the time.

Selecting one of the segments in the bars automatically displays the patient list. Filters on facility, condition and number of conditions group. Same sort and export options.

Of Note: clicking on All Chronic Conditions sorts the conditions in alphabetical order.

Chronic Condition Heart Failure Number of Chronic Conditions Group 5-6 Conditions

Heart Failure and 5-6 Conditions Patients: 1226

Patients Heart Failure and 5-6 Conditions for Facility All Values (16)

#	Name	DOB	Sex	Ethnicity	Race	Most Recent	Most Recent Facility	All Chronic Conditions
1	25868, Patient	02/21/1989	M	Not Hisp	White	2018-08-24	Facility 12	Chronic Kidney Disease, Depression, Diabetes,
2	41794, Patient	08/23/1943	F	White	White	2018-08-26	Facility 12	Atrial Fibrillation, Cancer, Heart Failure, Hyperli
3	42765, Patient	07/28/1920	F	Not Hisp	White	2018-08-30	Facility 7	Atrial Fibrillation, Heart Failure, Hypertension, I
4	53155, Patient	08/26/1957	F	White	White	2018-08-16	Facility 12	Asthma, COPD, Diabetes, Heart Failure, Hyperli
5	55204, Patient	08/08/1947	F	Not Hisp	White	2018-06-04	Facility 7	Cancer, Heart Failure, Hypertension, Hyperlipid
6	55240, Patient	03/30/1961	F	Not Hisp	White	2018-07-20	Facility 4	Atrial Fibrillation, Diabetes, Heart Failure, Hype
7	55581, Patient	04/29/1939	F	Not Hisp	White	2017-12-30	Facility 7	Atrial Fibrillation, Heart Failure, Hyperlipidemia
8	55759, Patient	09/06/1920	F	Not Hisp	White	2018-08-23	Facility 8	Cancer, Chronic Kidney Disease, Heart Failure,
9	76714, Patient	01/17/1947	M	White	White	2017-12-23	Facility 11	Atrial Fibrillation, Diabetes, Heart Failure, Hype
10	77532, Patient	01/20/1933	M	Not Hisp	White	2018-08-13	Facility 12	Atrial Fibrillation, Chronic Kidney Disease, Hear

PDF Excel



Overview Polychronic Patient List **Payor Breakdown**

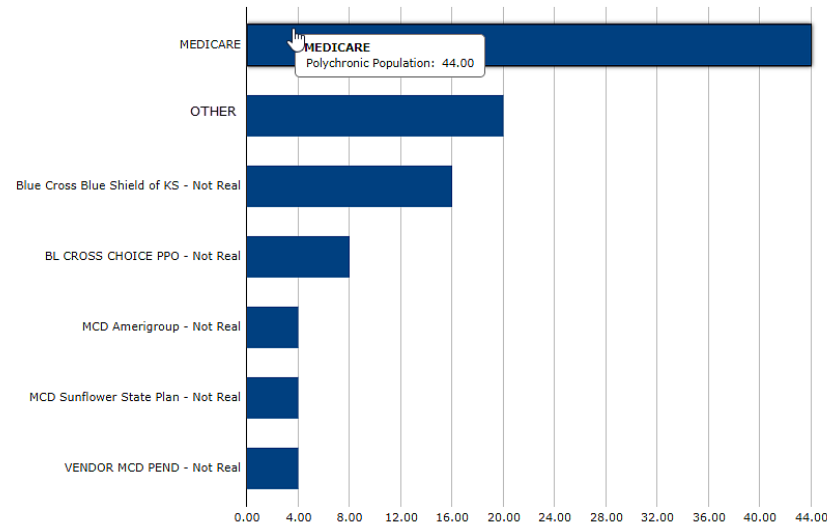
Facility All Values (17)

Chronic Condition

All Values (17)	Asthma	Atrial Fibrillation
Bipolar Disorder	Cancer	Chronic Kidney Disease
Cognitive Disorders	COPD	Depression
Diabetes	Heart Failure	Hyperlipidemia
Hypertension	Ischemic Heart Disease	Osteoporosis
Rheumatoid Arthritis Osteoarthritis	Schizophrenia	Stroke Transient Ischemic

ED Visit N

Reset



Payor breakdown shows patient's primary insurance. Filter options include facility, Chronic Condition and ED visit.

Facility All Values (17)

Chronic Condition

All Values (17)	Asthma	Atrial Fibrillation
Bipolar Disorder	Cancer	Chronic Kidney Disease
Cognitive Disorders	COPD	Depression
Diabetes	Heart Failure	Hyperlipidemia
Hypertension	Ischemic Heart Disease	Osteoporosis
Rheumatoid Arthritis Osteoarthritis	Schizophrenia	Stroke Transient Ischemic

ED Visit N

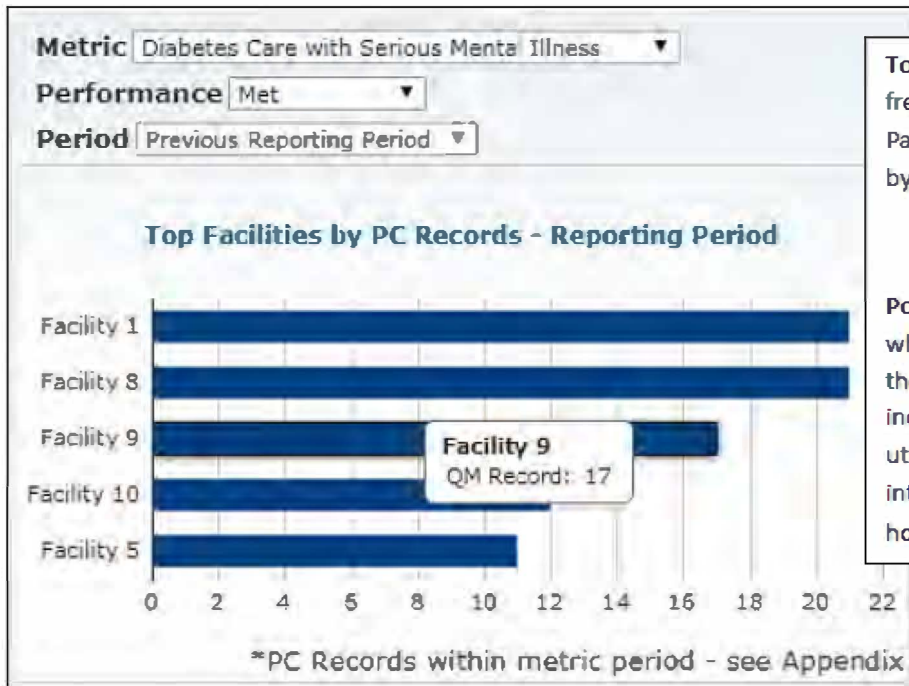
Insurance Group MEDICARE

Reset

#	Name	DOB	Sex	Ethnicity	Race	Patient Address	Tiered Ins Name
11							
1	583284, PATIENT	12/27/1966	M		Black or		MEDICARE - Not Real
2	1064045, PATIENT	08/20/1952	M		Asian		MEDICARE - Not Real
3	1171115, PATIENT	02/07/1955	F		Asian		MEDICARE - Not Real
4	1581166, PATIENT	02/06/1954	M	Not Hisp	White		MEDICARE - Not Real
5	1605066, PATIENT	07/06/1976	F		White		MEDICARE - Not Real
6	1816689, PATIENT	04/18/1972	F		Black or		MEDICARE - Not Real
7	2001413, PATIENT	01/30/1970	F				MEDICARE - Not Real
8	2009630, PATIENT	04/27/1950	F	Not Hisp	Black or		MEDICARE - Not Real
9	2669743, PATIENT	02/02/1963	M		White		MEDICARE - Not Real
10	3387793, PATIENT	02/17/1989	F				MEDICARE - Not Real
11	3993892, PATIENT	03/28/2000	F		Hispanic	7F829CF70E8AF113152BD3F5A6!	MEDICARE - Not Real

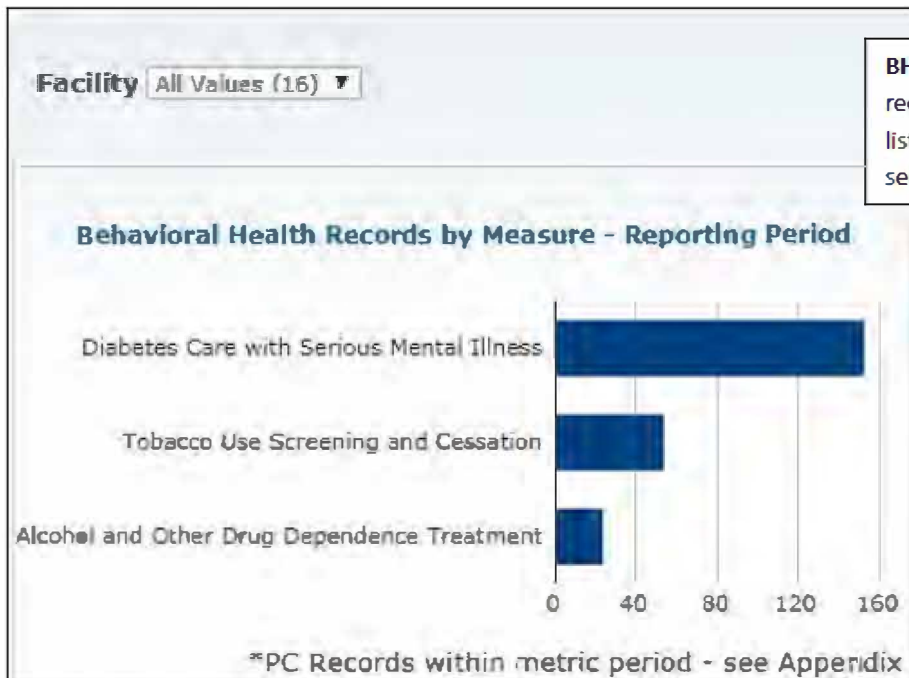
PDF Excel

Drill down to patient specific list by condition and insurer from chart.



Top Facility by Records display most frequent facility for a single measure. Patient list detail for each is obtained by selecting bar on chart.

Potential Use: Facilities may see where their patients have completed their procedures. It can provide an indication of referral patterns and utilization and may be of particular interest to integrated network of hospital and physician clinics.

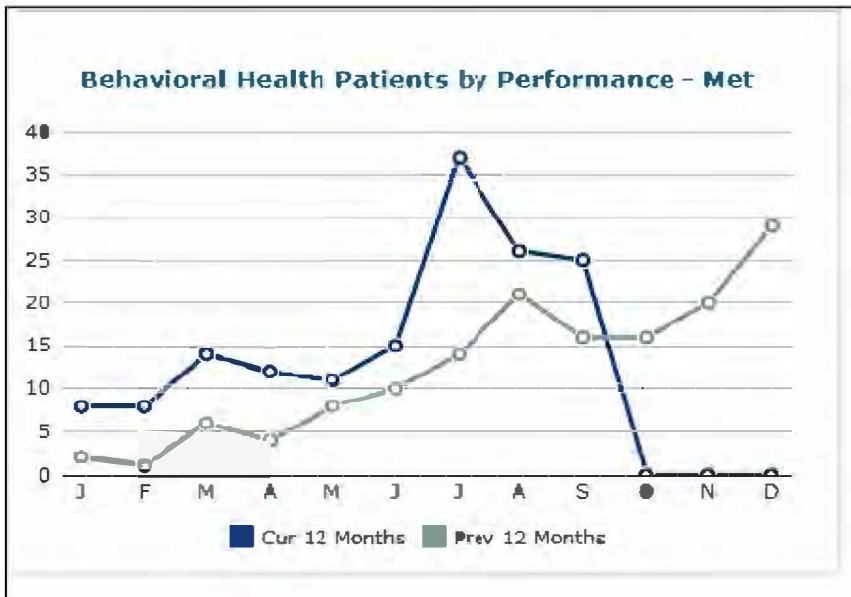


BH Records by Measure display records for a single measure. Patient list detail for each is obtained by selecting bar on chart.

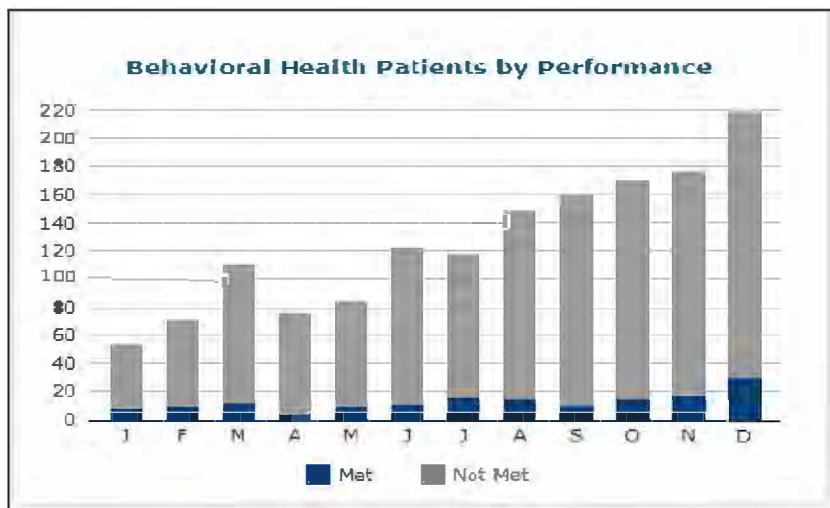


Patient List example from Records by Measure. This shows Performance MET for Diabetes Care with Serious Mental Illness

Patient Name	DOB	Sex	Ethnicity	Race	Activity Date	Facility	Lab	Act Type	Act Desc
819968, PATIEN	01/17/1966	M		White	06/17/2017	Facility 13	Lab	Lab	HBA1C - 10.7
216119, PATIEN	06/21/1962	F			07/30/2017	Facility 13	Lab	Lab	HBA1C - 14.4
522420, PATIEN	08/18/1956	M		White	04/20/2017	Facility 11	Lab	Lab	HEMOGLOBIN A1C - 9.1
200022, PATIEN	06/26/1956	F	Not resp	White	02/29/2017	Facility 8	Lab	Lab	HEMOGLOBIN A1C - 9.1
866411, PATIEN	12/02/1969	M		White	06/25/2017	Facility 1	Lab	Lab	HEMOGLOBIN A1C - 9.2
589776, PATIEN	01/08/1963	F		White	03/01/2017	Facility 5	Lab	Lab	HEMOGLOBIN A1C - 9.2
1874282, PATIEN	03/30/1968	F		White	09/01/2017	Facility 7	Lab	Lab	HEMOGLOBIN A1C - 9.2
1776707, PATIEN	11/13/1972	F		White	06/10/2017	Facility 8	Lab	Lab	HEMOGLOBIN A1C - 9.4
1701114, PATIEN	11/03/1972	F			09/04/2017	Facility 15	Lab	Lab	HEMOGLOBIN A1C - 9.4



Trend line comparison between current and previous years



Displays eligible office visits performance month to month current year.



View of the patient detail report from the BH Patients by Performance chart. It lists patient names, date of birth and office visit date with visit description and location. Performance Met compliance require patients have an eligible face to face encounter during the measurement period in addition to the appropriate screening or assessments.

Facility: All Values (15) | Metric: Diabetes Care with Serious Mental Illness
 Month: 2017-08 | Perform: Adult Suicide Assessment, Child Suicide Assessment
 Office Visit Facility: All Values (16) | Period: Diabetes Care with Serious Mental Illness, Hypertension MGMT in Serious Mental Illness, Tobacco Use Screening and Cessation

Patient Name	DOB	Sex	Ethnicity	Race	Performance	Office Visit Date	Visit Desc	Office Visit Facility
186075, PATJEN	03/30/1994	F		White	Met	08/04/2017	Office or other outpatient visit	Facility 6
258215, PATJEN	06/25/1996	M		White	Met	08/18/2017	Office/outpatient visit, est, lev	Facility 2
421195, PATJEN	03/18/2000	F			Met	08/13/2017	Office or other outpatient visit	Facility 2
485252, PATJEN	02/16/1953	F		White	Met	08/21/2017	Office/outpatient visit, est, lev	Facility 12
547610, PATJEN	01/08/1995	F		White	Met	08/04/2017	Office or other outpatient visit	Facility 15
1654625, PATJEN	11/06/1964	M		White	Met	08/28/2017	Office or other outpatient visit	Facility 7
1659820, PATJEN	02/05/1963	M		White	Met	08/28/2017	Office/outpatient visit, est, lev	Facility 2
1746800, PATJEN	12/19/1994	M			Met	08/28/2017	Office or other outpatient visit	Facility 4
2000648, PATJEN	08/08/1981	F			Met	08/07/2017	Office or other outpatient visit	Facility 6
2046816, PATJEN	04/18/1988	F		White	Met	08/20/2017	Office/outpatient visit, est, lev	Facility 1
2502226, PATJEN	09/13/1995	F		White	Met	08/14/2017	Office or other outpatient visit	Facility 10

PDF Excel

Filter options include Facility, Month, and Office Visit Facility.