

Sickle Cell Treatment Demonstration Program
Data Request - Sample Data Form to request data from MCO or State Medicaid

* See definitions of measure concepts and logic specifications on Tabs 2-3

Reference Period Start Date (mm/dd/yyyy)	Reference Period End Date (mm/dd/yyyy)	Numerator Count	Denominator Count
<i>Date when reference period begins</i>	<i>Date when reference period ends</i>	<p><i>(ex. # Providers from the denominator population who saw at least one patient with SCD who was less than 18 years old at the time of the visit for at least two non-emergent outpatient visits during the 12 month period ending with the reference month)</i></p>	<p><i>(ex. # Providers who had at least one claim submitted to the plan during the 12 month period ending with the reference month)</i></p>

System Date	Data Source
<i>(Date report was run)</i>	<i>(ex. CMS data, Managed Care Plan data, etc.)</i>

Sickle Cell Treatment I
Medicaid (state or MC

Measure Concepts

Provider
Provider Location*
Patient
Geographical Area
Visit Type
Reference Month
Claims
Outcomes

* This measure can be

Demographic Program

b) NICHQ, Inc.:
I added the
parenthetical

NPI codes, other de-identified provider ID
Provider group practice location, etc.
Monthly reporting: age as of last day of reference month
Quarterly reporting: age as of last day of reference quarter
Age at time of visit
Patient filled prescription
Zip codes (5 digit or 3 digit) for practice
Non-emergent or outpatient visit - see specifications in Tab 3
Monthly reports: that month
Quarterly reports: last month of quarter
Paid claims (confirming whether states can also do pending, suspended, and/or denied)
Visit: outpatient, exclude ER or inpatient visits
Medication Prescription: Filled prescriptions for Hydroxyurea

rolled into geographical measure

Sickle Cell Treatment Dem
Medicaid (state or MCO) |

Aim 1: Increase the numb

Measure 1a: Number of p

Denominator Population:
Numerator Population:
Exclusions:
Reporting Outputs:
Reporting Interval:
Comments:

Measure 1b: Number of p

Denominator Population:
Numerator Population:
Exclusions:
Reporting Outputs:
Reporting Interval:
Comments:

Measure 1c: Number of p

Denominator Population:
Numerator Population:
Exclusions:
Reporting Outputs:
Reporting Interval:
Comments:

Measure 1d: Percent of cl

Denominator Population:
Numerator Population:
Exclusions:
Reporting Outputs:
Reporting Interval:
Comments:

Measure 1e: Number of a

Denominator Population:
Numerator Population:
Exclusions:
Reporting Outputs:
Reporting Interval:
Comments:

Aim 2: Increase the numb

Measure 2a: Number of p

Denominator Population:
Numerator Population:
Exclusions:
Reporting Outputs:
Reporting Interval:
Comments:

Measure 2b: Number of p

Denominator Population:
Numerator Population:

Exclusions:
Reporting Outputs:
Reporting Interval:
Comments:

Measure 2c: Number of p

Denominator Population:
Numerator Population:
Exclusions:
Reporting Outputs:
Reporting Interval:
Comments:

Measure 2d: Number of c

Denominator Population:
Numerator Population:
Exclusions:
Reporting Outputs:
Reporting Interval:
Comments:

**Measure 2e:
Number of adults with SCI**

Denominator Population:
Numerator Population:
Exclusions:
Reporting Outputs:
Reporting Interval:
Comments:

Table 1: Codes to Identify

Condition Name
Hb S beta-thalassemia
Hb SS-disease (sickle cell anemia)
Hb SC-disease
Hb SD-disease
Hb SE-disease

Table 2: Codes to Identify

Description
Office or other outpatient services
Preventive medicine
General medical examination

Table 3: Excluded Sickle C

Condition Name
Hb S (sickle)-carrier (sickle cell trait)

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Data Request - Logic Specifications and Codes

er of providers treating persons with sickle cell disease

Providers in Plan who saw at least one patient younger than 18 years of age with SCD two or more times du

Providers who had at least one claim submitted to the plan during the 12 month period ending with the reference month.

Providers from the denominator population who saw at least one patient with SCD who was less than 18 years old at the time of the visit for at least two non-emergent outpatient visits (Table 2) during the 12 month period ending with the reference month.

Patients who also have a diagnosis of sickle cell trait (Table 3) should be excluded from denominator.

Denominator and numerator counts and percent.

Monthly

Claims include those paid, suspended, pending or denied.

Providers in Plan who saw at least one adult patient with SCD two or more times during the past 12 months

Providers who had at least one claim submitted to the plan during the 12 month period ending with the reference month.

Providers from the denominator population who saw at least one patient with SCD who was 18 years of age or older at the time of the visit for at least two non-emergent outpatient visits (Table 2) during the 12 month period ending with the reference month.

Patients who also have a diagnosis of sickle cell trait (Table 3) should be excluded from denominator.

Denominator and numerator counts and percent.

Monthly

Claims include those paid, suspended, pending or denied.

Providers in Plan who saw any patient with SCD two or more times during the past 12 months

Providers who had at least one claim submitted to the plan during the 12 month period ending with the reference month.

Providers from the denominator population who saw any patient with SCD for at least two non-emergent outpatient visits (Table 2) during the 12 month period ending with the reference month.

Patients who also have a diagnosis of sickle cell trait (Table 3) should be excluded from denominator.

Denominator and numerator counts and percent.

Monthly

Claims include those paid, suspended, pending or denied.

Children in Plan with SCD who had at least 2 outpatient visits in the past 12 months.

Patients less than 18 years old as of the end of the reference month who have ever had a diagnosis of sickle cell disease (Table 1) and who had at least one health care event (any claim) during the 12 month period ending with the reference month.
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Patients from the denominator population who had at least two non-emergent outpatient visits (Table 2) during the 12 month period ending with the reference month.
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Patients who also have a diagnosis of sickle cell trait (Table 3) should be excluded from denominator.
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Denominator and numerator counts and percent.

Monthly

Claims include those paid, suspended, pending or denied.
--

Adults in Plan with SCD who had at least 2 outpatient visits in the past 12 months.

Patients who were 18 years old or older as of the end of the reference month who have ever had a diagnosis of sickle cell disease (Table 1) and who had at least one health care event (any claim) during the 12 month period ending with the reference month.
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Patients from the denominator population who had at least two non-emergent outpatient visits (Table 2) during the 12 month period ending with the reference month.
--

Patients who also have a diagnosis of sickle cell trait (Table 3) should be excluded from denominator.
--

Denominator and numerator counts and percent.

Monthly

Claims include those paid, suspended, pending or denied.
--

Number of providers prescribing hydroxyurea

Providers in Plan who prescribed hydroxyurea to a child with SCD at least once during the past 12 months

Providers who submitted at least one claim to the plan during the 12 month period ending with the reference month.
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Providers from the denominator population who had a patient under 18 years old and who have a diagnosis of sickle cell disease (Table 1) and who filled at least one hydroxyurea prescription during the 12 month period ending with the reference month.

Providers whose patients also have a diagnosis of sickle cell trait (Table 3) should be excluded from numerator.
--

Denominator and numerator counts and percent.

Monthly

Claims include those paid, suspended, pending or denied.
--

Providers in Plan who prescribed hydroxyurea to an adult with SCD at least once during the past 12 months

Providers who submitted at least one claim to the plan during the 12 month period ending with the reference month.
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Providers from the denominator population who had a patient over 18 years old and who have a diagnosis of sickle cell disease (Table 1) and who filled at least one hydroxyurea prescription during the 12 month period ending with the reference month.
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Providers whose patients also have a diagnosis of sickle cell trait (Table 3) should be excluded from numerator.
--

Denominator and numerator counts and percent.

Monthly

Claims include those paid, suspended, pending or denied.
--

Providers in Plan who prescribed hydroxyurea at least once during the past 12 months

Providers who submitted at least one claim to the plan during the 12 month period ending with the reference month.
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Providers from the denominator population who had any patient with a diagnosis of sickle cell disease (Table 1) who filled at least one hydroxyurea prescription during the 12 month period ending with the reference month.
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Providers whose patients also have a diagnosis of sickle cell trait (Table 3) should be excluded from numerator.
--

Denominator and numerator counts and percent.

Monthly

Claims include those paid, suspended, pending or denied.
--

Children with SCD who filled a prescription for hydroxyurea at least once during the past 12 months

Patients less than 18 years old as of the end of the reference month who have ever had a diagnosis of sickle cell disease (Table 1) and who had at least one health care event (any claim) during the 12 month period ending with the reference month.
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Patients from the denominator population who filled at least one hydroxyurea prescription during the 12 month period ending with the reference month.

Patients who also have a diagnosis of sickle cell trait (Table 3) should be excluded from denominator.
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Denominator and numerator counts and percent.

Monthly

Claims include those paid, suspended, pending or denied.
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Adults 18 years of age or older who filled a prescription for hydroxyurea at least once during the past 12 months

Patients 18 years of age or older as of the end of the reference month who have ever had a diagnosis of sickle cell disease (Table 1) and who had at least one health care event (any claim) during the 12 month period ending with the reference month.
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Patients from the denominator population who filled at least one hydroxyurea prescription during the 12 month period ending with the reference month.

Patients who also have a diagnosis of sickle cell trait (Table 3) should be excluded from denominator.
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Denominator and numerator counts and percent.

Monthly

Claims include those paid, suspended, pending or denied.
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Sickle Cell Disease

ICD-9
282.41, 282.42
282.6, 282.61, 282.62
282.63, 282.64
282.68, 282.69
282.68, 282.69

Outpatient Care

CPT
99201-99205, 99211-99215, 99241-99245
99381-99385, 99391-99395, 99401-99404, 99411-99412, 99420, 99429

all Related Codes

ICD-9
282.5

ring the past 12 months

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ICD-10
D57.40, D57.41
D57 Sickle cell disorders
D57.0 Sickle cell anemia with crisis
D57.1 Sickle cell anemia without crisis
D57.20, D57.21
D57.80, D57.81
D57.80, D57.81

ICD-9
V20.2, V70.0, V70.3, V70.5, V70.6, V70.8

ICD-10
D57.3