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For each data element fill in the cells for your site.

The cells with a tan background describe the data elements and the calculation criteria.

#### Do not edit the cells with the tan background.

The following is a description of the columns along with instructions.

Please note that many of the cells are populated with drop-down menus. Use these drop-down items as much as possible in order to facilitate subsequent analysis. If an option is not available, free text is acceptable

# If your site has more than one source for a data element, create a row for each source. To create a row, perform the following steps:

- 1. Select the row (click on the row number)
- 2. Copy the row (either right-click/Copy, control-c, or from the menu bar Edit/Copy)
- 3. Insert the copied cells (either right-click/Insert Copied Cells, or from the menu bar Insert/Copied Cells)

#### **CHIPRA Measure Sequence Number**

The sequence number assigned to the measure by the CHIPRA team for use in analysis

#### **Measure Title**

The title of the measure

#### **Data Element**

The name of the data element as specified by the measure. For example, Birth Date

#### - - - - - -

Further description of the data element. For example, Patient date of birth

#### **EHR Data Source Application**

The application at your site from which this data element is obtained. For example, Laboratory I.S.

This is a drop-down menu item

#### **EHR Data Element Name**

The name used to identify this data element in your EHR. For example, the table and column in a database or a column name in a file export.

This is a free text entry

#### Location in EHR Data Entered/Accessed by User (Front End User Facing)

The area within your EHR where the data element is primarily captured or accessed by the user

This is a drop-down menu item

### **Data Search Type**

How you would search for the data type. For example, if looking for the "Developmental screening tool" data element it is likely that you would search for the LOINC code or vendor code that represents this. Therefore The Data Search Type would be Code.

N/A

Boolean - Use this for true/false or yes/no data elements

Code - Use if the data element is coded

Date

Number - Use for integer and decimal

Text - Use if unconstrained text (free text)

This is a drop-down menu item

1

#### Coding System (Data Search Type)

If this data element is coded, indicate the coding system. Note that there are entries for organization (site) and vendor specific coding systems.

For example, if your site uses a pharmacy vendor code for medications, select

"Vendor specific"

This is a drop-down menu item

#### **Stored Data Type**

What data type is stored. For example, a lab result would be stored as a number

Boolean - Use this for true/false or yes/no data elements

Code - Use if the data element is coded

Date

Number - Use for integer and decimal

Text - Use if unconstrained text (free text)

This is a drop-down menu item

#### Coding System (Stored Data Type)

If this data element is coded, indicate the coding system. Note that there are entries for organization (site) and vendor specific coding systems.

For example, if your site uses a pharmacy vendor code for medications, select

"Vendor specific"

This is a drop-down menu item

#### **Coding System Comments**

Enter any comments

#### **Unit of Measure**

The units of measure, if applicable, associated with this data element.

For data elements with date data type indicate the granularity of the date (format order is not relevant).

This is a drop-down menu item

#### Frequency

Number of times the data element is recorded for a typical patient during the measurement period

This is a drop-down menu item

#### Criteria

The measurement criteria for this data element as described in the measure

### **EHR Ability to Calculate Criteria**

Indicate whether or not your EHR has the technical capability to calculate the specified criteria.

This is a drop-down menu item

#### **EHR Ability to Calculate Criteria Comments**

Enter any comments

#### **EHR Exception Presence**

Indicate whether or not this data element is associated with a discrete exception. An example would be: Please prescribe ACE/ARB for CAD. On the ACE/ARB row, select Yes to indicate that there is an exception if there is a discrete place to document why the ACE/ARB was not prescribed for CAD.

An exception may be defined as valid reasons for patients who are included in the denominator population, but for whom a process or outcome of care does not occur. Patients may have Exceptions for medical reasons (for example, patient has an egg allergy so they did not receive flu vaccine); patient reasons (for example, patient refused flu vaccine); or system reasons (for example, patient did not receive flu vaccine due to vaccine shortage).

This is a drop-down menu item

#### **EHR Exception Presence Comments**

Enter any comments

#### Technical Feasibility (Can my EHR do this?)

Indicate whether all data can be collected and all calculations can be performed.

This is a drop-down menu item

#### Implementation Feasibility (Will workflow be used consistently?)

Indicate if this measure is implemented, whether you think the results you receive will be accurate for use at your institution

This is a drop-down menu item

#### **Feasibility Comments**

Must enter comments if "Nonfeasible, cannot do today" or "Feasible with workflow changes" is selected for Technical or Implementation Feasibility. Also enter any additional comments

#### Measure Retains Originally Stated Intention of the Measure (Integrity)

Select the value that best indicates whether the measure retains the original intention of the measure

- 5 Strongly Agree
- 4 Moderately Agree
- 3 Neither Disagree Nor Agree
- 2 Moderately Disagree
- 1 Strongly Disagree

#### **Measure Retains Originally Stated Intention of the Measure Comments**

Enter any comments

# Scores Obtained from Measure as Specified Accurately Differentiate Quality of Performance Across Providers (Face Validity)

Select the value that best indicates whether the scores obtained from the measure as specified accurately differentiate the quality of performance across providers

- 5 Strongly Agree
- 4 Moderately Agree
- 3 Neither Disagree Nor Agree
- 2 Moderately Disagree
- 1 Strongly Disagree

# Scores Obtained from Measure as Specified Accurately Differentiate Quality of Performance Across Providers Comments

Enter any comments

#### **Additional Comments/Thoughts About Measure**

Enter any additional comments or thoughts about the measure

#### **DET Color Key**

Denominator Elements

Numerator Elements

Exception Elements

CHIPRA	ility Tool copyright 2011 Americ Measure Title	Data Element	Description	EHR Data Source	EHR Data	Location in EHR Data	Data Search		Stored Data	Coding System	Coding System	Unit of	Frequency	Criteria	EHR Ability	EHR Ability to Calculate Criteria		EHR Exception Presence
Measure equence				Application	Element Name	Entered/Accessed by User	Туре	(Data Search Type)	Type	(Stored Data Type)	Comments	Measure			to Calculate Criteria	Comments	Presence	Comments
umber	All Measures	Race	Patient race (e.g., Black or African											Last active race during end of measurement period			N/A	
	All Measures	Gender	American, Asian, etc.) Patient gender (e.g., male, female)											Last active gender during end of measurement			N/A	
	All Measures	Ethnicity	Patient ethnicity (e.g., Hispanic or											period  Last active ethnicity during end of measurement			N/A	
	All Measures	Preferred Language	Latino) Patient preferred language											period  Last active preferred language during end of			N/A	
	All Measures	Payer	(e.g.,English, Spanish, etc.) Insurance or payer on claim (e.g.,											measurement period  Last active payer during end of measurement			N/A	
		1.5,2	Medicare Part A, Medicaid, Individual Policy, etc.)											period				
	Follow-up with Patient Family	Dirth date	Patient characteristic, date of birth											Patient >= 6 months and <= 3 years of age before			N/A	
	After Developmental Screening	Di til ditt	Table it characteristic, date of bit of											start of measurement period			.,,,	
		Encounter - Occurrence A	Primary care provider service for the encounter - Occurrence A (well child visit)											Well child visit by primary care physician, outpatient encounter performed			N/A	
	Follow-up with Patient Family After Developmental	Developmental screening	Patients who received developmental screening using a validated tool											Patient received developmental screening using a validated tool. Validated tools include:			N/A	
	Screening	1001	Servering danig a valuated tool											Ages and Stages Questionnaire (ASQ)     Ages and Stages Questionnaire - 3rd Edition (ASQ-				
														Ages and stages coestionnal e - Sid Edition (ASQ- 3)     Battelle Developmental Inventory Screening Tool				
														Battelle Developmental Inventory screening Tool (BDI-ST)     Bayley Infant Neuro-developmental Screen (BINS)				
														Brigance Screens-II				
														Child Development Inventory (CDI)     Infant Development Inventory				
														Parents' Evaluation of Developmental Status (PEDS)				
														Parent's Evaluation of Developmental Status - Developmental Milestones (PEDS-DM)				
	Follow-up with Patient Family	Developmental screening	Patients who received developmental											Medical record indicates that date of developmenta			N/A	
	After Developmental Screening	tool, date	screening using a validated tool, date recorded											screen was within measurement period and was recorded during Occurrence A				
	Follow-up with Patient Family After Developmental	Discussion	Patients whose family received a discussion of the developmental screen											Documentation for a discussion may be recorded as either free text or one of the following:			N/A	
	Screening		by a primary care clinician on the same day of the screening visit											"Advance care planning discussion documented in the medical record (COA)				
			day of the screening voic											[A17110184/CPT/PT/1158F]", "SNOMEDCT [SCUI- SCUI] 223483004   Discussion about procedure				
														C0557062"				
	Follow-up Referral after	Birth date	Defend the second of the secon											Dations Countries and Downston Laboratory			N/A	
	Positive Developmental Screen	Birth date	Patient characteristic, date of birth											Patient >= 6 months and <= 3 years of age before start of measurement period			N/A	
	Follow-up Referral after Positive Developmental Screen	Encounter - Occurrence A	Provider service for the encounter - Occurrence A (well child visit)											Well child visit, outpatient encounter performed				
	Follow-up Referral after Positive Developmental Screen	Positive developmental screening result -	A result from a validated developmental screening tool that indicates the patient											Patient received a positive developmental screening result from one of the following validated tools:			N/A	
	Today Severagine ital Severi	Occurrence B	tests positive for risk of a developmental											Ages and Stages Questionnaire (ASQ)     Ages and Stages Questionnaire - 3rd Edition (ASQ-				
			ueiay											Ages and stages coestionnal e - Sid Edition (ASQ-3)     Battelle Developmental Inventory Screening Tool				
														(BDI-ST)				
														Bayley Infant Neuro-developmental Screen (BINS)     Brigance Screens-II				
														Child Development Inventory (CDI)     Infant Development Inventory				
														Parents' Evaluation of Developmental Status (PEDS)				
														Parent's Evaluation of Developmental Status - Developmental Milestones (PEDS-DM)				
	Follow-up Referral after Positive Developmental Screen	Positive developmental screening result, date	Patients who received a positive developmental screening result from a											Medical record indicates that a positive developmental screening result was identified			N/A	
			validated tool, date recorded											within measurement period and was recorded during Occurrence A				
	Follow-up Referral after Positive Developmental Screen	Referral for follow-up care	Patients who received a referral for follow-up care					I						Referral for follow up care refers to any type of therapy, intervention, or education to mitigate			N/A	
														developmental delays and can be within the medical home or outside of the medical home. Some				
														referral types include:  • Part C, Early Intervention Program				
														Referral for Follow-up Testing     Home Visiting for 0-5Physical Therapist				
														Occupational Therapist				
														Speech/Language Pathologist     Medical Home Clinician Internal				
														Specialty Clinician External     Early Head Start				
														Network Care Manager     Parenting Support				
														Hearing and Vision Specialists     Mental Health Specialist				
	Follow-up Referral after Positive Developmental Screen	Referral for follow-up care, date	Patients who received a referral for follow-up care, date recorded											Referral date is within 7 calendar days of Occurrence B (positive developmental screening			N/A	
				l	1			1				1		result)	l			

Please provid	de responses to the questions below. The responses will provide a better	r understanding of the workflow that can help determine if the measure needs to be updated.
CHIPRA		
Measure Sequence	Questions	Responses
Number		
1	What validated screening tool(s) do you use, if any?	
1	How is a "discussion" of screening results recorded?	
1	How consistently do you track the data related to this specification?	
	, ,	
1	If you consider the current methods unsatisfactory, how would you	
	prefer to capture this data?	
2	How do you report referrals in your EHRs?	
2	How is a consult letter connected to the original referral order?	
2	How are force and other paper decomposition connected to the	
2	How are faxes and other paper documentation connected to the original order?	
	ongina order.	
2	Are phone conversations with specialists documented as free text?	
2	How consistently do you track the data related to this specification?	
2	If you consider the current methods unsatisfactory, how would you prefer to capture this data?	
	prefer to capture this data:	
3	How do you record feedback from a follow-up care clinician to whom	
	you send referrals?	
3	Is the date for this feedback recorded in a separate field?	
3	How consistently do you track the data related to this specification?	
3		
3	If you consider the current methods unsatisfactory, how would you	
	prefer to capture this data?	

CHIPRA	Feasibility Tool copyright 2011 Ame Measure Title	Technical Feasibility	Implementation Feasibility	Feasibility Comments		Measure Retains Originally	Scores Obtained from	Scores Obtained from	Additional
Measure Sequence Number		(Can my EHR do this?)	(Will workflow be used consistently?)		Stated Intention (Integrity)	Stated Intention Comments	Measure as Specified Accurately Differentiate Quality of Performance Across Providers (Face Validity)	Measure as Specified Accurately Differentiate Quality of Performance Across Providers Comments	Comments/Thoughts About Measure
	Follow-up with Patient Family After Developmental Screening								
	Follow-up Referral after Positive Developmental Screen								
	Developmental Follow-up Referral Tracking								

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**Interface Data Location** 

**EHR Data Source Application** 

N/A	N/A	N/A	N/A	N/A
Billing System	Allergy	Boolean (T/F, Y/N)	Organization specific	More than once per measurement period
CPOE	Demographics	Code	Vendor specific	Once per measurement period
Data Warehouse	Diagnosis tab	Date	СРТ	Less than once per measurement period
Departmental System	Documents tab	Number	HCPCS	
E-Prescribing	Lab flowsheet	Text	HL7	
EHR	Medication list		ICD-9	
Health Information Exchange	Orders		ICD-10	
Laboratory I.S.	Patient education		ISO 639-2	
Patient Tracking	Patient summary		LOINC	
Personal Health Record	Problems tab		RxNorm	
Pharmacy I.S.	Pt medical hx		SNOMED-CT	
Radiology I.S.	Pt social hx		Organization specific, NDC	
Registration System	Results tab		Vendor specific, NDC	
	Service		LOINC, CPT	
	Vitals		NDC, RxNorm	
			SNOMED, HCPCS	
			SNOMED, HCPCS, ICD-9	
			SNOMED, ICD-9	
			SNOMED, ICD-9, ICD-10	

Data Type

**Coding System** 

Frequency

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<b>Unit of Measure</b>	Calculate Criteria	<b>EHR Exception Presence</b>	Technical Feasibility	Availability
N/A cm g kg L mEq mg mg/dL mg/g mL mm mm[HG] mmol/L % hour(s) day(s) month(s) year(s) month day year month year	N/A Yes No	N/A Yes No	Feasible. Can do today Nonfeasible. Unable to do today Feasible with workflow mod/changes to EHR Feasible with natural language processing (NLP)	Yes No

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Imp	lementation Feasibility	Measure Retains Originally Stated Intention	Scores Obtained from Measure as Specified Accurately Differentiate Quality of Performance Across Providers
Feasible. Can do today Nonfeasible. Unable t		5 Strongly Agree 4 Moderately Agree	5 Strongly Agree 4 Moderately Agree
	w mod/changes to EHR	3 Neither Disagree Nor Agree	3 Neither Disagree Nor Agree
		<ul><li>2 Moderately Disagree</li><li>1 Strongly Disagree</li></ul>	<ul><li>2 Moderately Disagree</li><li>1 Strongly Disagree</li></ul>

### Measure

Follow-up with Patient Family After Developmental Screening Follow-up Referral after Positive Developmental Screen Developmental Follow-up Referral Tracking

Table 8.1 Test Site Capabilities

CHIPRA Measure Sequence Number	Data Element	Advocate (two sites)	Stroger	Lurie	Sinai
N/A	Race	(1 2 2 2 2 2 2 2 4			
N/A	Gender				
N/A	Ethnicity				
N/A	Preferred Language				
N/A	Payer				
1	Birth date				
1	Encounter - Occurrence A				
1	Developmental screening tool				
1	Developmental screening tool, date				
1	Discussion				
2	Birth date				
2	Encounter - Occurrence A				
2	Positive developmental screening result - Occurrence B				
2	Positive developmental screening result, date				
2	Referral for follow-up care	internal only			
2	Referral for follow-up care, date	internal only			
3	Birth date				
3	Encounter - Occurrence A				
3	Positive developmental screening result - Occurrence B				
3	Positive developmental screening result, date				
3	Referral for follow-up care - Occurrence C	internal only			
3	Referral for follow-up care, date	internal only			
3	Feedback from follow-up care clinician				
3	Feedback from follow-up care clinician, date				
3	Referral sent but care discontinued				
3	Follow-up visit not attended				
3	Pre-existing or concurrent care				

All Measures

Denominator

Numerator

Exclusions

Coded Data Free Text

DET Quality Analysis Criteria	Advocate	Stroger	Lurie	Sinai	Ashe Peds
	Allscripts Touchworks	Cerner	Epic (Hyperspace)		
a. All cells should be filled out, even if "N/A"	x	x	х	Rows 3, 5, and 18 are blank	X
b. EHR Data source application (Does it make sense based on your knowledge of the EHR?)	x	x	x	x	x
c. EHR Data Element Name (Doesn't really matter, mostly so that when you need to ask questions they know what they were assessing)	x	x	x	x	x
d. Location in EHR Data Entered/Accessed by user (Does this make sense based on the data search and stored type, based on your knowledge of the EHR?)	x	x	Everything in Documents tab. Asked to confirm.	х	x
e. Data Search Type and Stored Data Type	* H3 - H7 and J3 - J7 should be 'code', not 'text'  * Row 12: Data search type is code but stored data type is N/A. Asked to confirm.	х	* There are some inconsistencies in the 'Data Search Type' fields. For example, the element for Occurrence A in row 10 is 'Data Search Type' Text', but the element for Occurrence A in row 15 is 'Data Search Type' Code'. Please correct these inconsistencies.  * Are dates all really 'text'? Asked to confirm.	x	x
f. Coding system comments can be there even if there is no code, could be explaining that they plan to do code mapping soon	х	х	x	x	x
g. Unit of measure (Must make sense based on the data element)	x	Row 30: 'Unit of Measure' is 'month day year'. Not sure what this element is recording. Asked to confirm	Rows 9, 12, 15, 187, 22, 24 should be 'month day year' if dates are not stored as text (see question e)	x	x
h. Frequency (should make sense based on the data element)	x	х	х	х	х
i. If EHR ability to calculate criteria is "no" there has to be comments in the next column	Row 17 - 31, Column P and Q: Since the answers are no, Column Q needs comments, not 'N/A'	Where answer is 'N/A', should it be 'no'? If so, need comments in Column Q. Asked to confirm	N/A' is in every field of Columns P and Q. Asked to confirm.	All 'EHR Ability To Calculate Criteria' elements are 'no'. No comments for the majority of 'no' answers.	x
j. Sites should not select EHR Exception presence of 'n/a' for numerator elements. These should be rated as 'yes' or 'no'.	Asked to correct	Asked to correct	Asked to correct	Asked to correct	x
k. If EHR Exception presence is Yes, there needs to be comments in column S.	х	х	x	х	х
I. Measure tab – if Technical Feasibility is Yes, all of element tab criteria should be yes able to calculate.	Asked to correct for measure 2	х	Asked to correct	х	х
m. Measure tab – if Technical feasibility is no, Implementation feasibility has to be no as well.	x	х	х	х	x
n. Measure tab – if either Technical or Implementation feasibility is anything but feasible today, then Feasibility comments column must be completed	x	x	х	No comments, asked to correct	x
o. Measure tab – If Integrity and/or Face validity are anything but 5, there needs to be comments in their respective comments columns	Need face validity comments (Column I for all three measures)	Need face validity comments (Column I for all three measures)	х	Need integrity and face validity comments (Columns G and I for all three measures)	x
p. Question tab completed?	x	x	x	х	х
q. Measure 1 Technical Feasibility	Feasible with workflow mod/changes to EHR	Feasible with workflow mod/changes to EHR	Feasible. Can do today (not correct)	Nonfeasible. Unable to do today	Feasible. Can do today.
r. Measure 1 Implementation Feasibility	Feasible with workflow mod/changes to EHR	Nonfeasible. Unable to do today	Feasible with workflow mod/changes to EHR	Nonfeasible. Unable to do today	Feasible. Can do today.
s. Measure 2 Technical Feasibility	Feasible. Can do today (not correct)	Feasible with workflow mod/changes to EHR	Feasible. Can do today (not correct)	Nonfeasible. Unable to do today	Feasible. Can do today.
t. Measure 2 Implementation Feasibility	Feasible with workflow mod/changes to EHR	Nonfeasible. Unable to do today	Feasible with workflow mod/changes to EHR	Nonfeasible. Unable to do today	Feasible. Can do today.
u. Measure 3 Technical Feasibility	Feasible with workflow mod/changes to EHR	Feasible with workflow mod/changes to EHR	Feasible. Can do today (not correct)	Nonfeasible. Unable to do today	Feasible. Can do today.
v. Measure 3 Implementation Feasibility	Feasible with workflow mod/changes to EHR	Nonfeasible. Unable to do today	Feasible with workflow mod/changes to EHR	Nonfeasible. Unable to do today	Feasible. Can do today.
w. Overall feasibility level	Nonfeasible (based on answers to individual element questions)	Nonfeasible	Nonfeasible (based on answers to individual element questions)	Nonfeasible (based on answers to individual element questions)	Feasible
x. Has returned corrected DET	x	х		х	

# **PMCoE WG-DSF: Recommendations to EHR Vendors**

name and/or 96110 associated with visit  results discussed with parents/caregiver: simple documentation that discussion done, OR choices of topics discussed (e.g. strengths, concerns; specific domains; activities to promote development; community resources)  flag if score is below cutoff for age, by screening tool (tool scoring logic)  referral done: referral categories as choices  as choices  referral loop closed: referral response marked as reviewed by PCC or designee  with no screen associated with screen by age  flag to discuss if screen done at visit OR discussion choices appear when screen done documentation of discussion associated with screen done; same date  flag if score is below cutoff for age by individual PCC; by domain; by child ages  flag if score is below cutoff for age by screening tool (tool scoring logic)  referral loop closed: referral response not received/reviewed at chosen time interval  response marked as reviewed by PCC or designee  documentation of outreach by phone, fax, or secure email to			
name and/or 96110 associated with visit  results discussed with parents/caregiver: simple documentation that discussion done, OR choices of topics discussed (e.g. strengths, concerns; specific domains; activities to promote development; community resources)  flag if score is below cutoff for age, by screening tool (tool scoring logic)  referral done: referral categories as choices  as choices  referral loop closed: referral response marked as reviewed by PCC or designee  with no screen associated with screen by age  flag to discuss if screen done at visit OR discussion choices appear when screen done documentation of discussion associated with screen done; same date  flag if score is below cutoff for age by individual PCC; by domain; by child ages  flag if score is below cutoff for age by screening tool (tool scoring logic)  referral loop closed: referral response not received/reviewed at chosen time interval  response marked as reviewed by PCC or designee  documentation of outreach by phone, fax, or secure email to	Structured Data	Prompt Function	Report Function
with visit results discussed with parents/caregiver: simple documentation that discussion done, OR choices of topics discussed (e.g. strengths, concerns; specific domains; activities to promote development; community resources)  flag if score is below cutoff for age, by screening tool (tool scoring logic)  referral done: referral categories as choices as choices  referral loop closed: referral response marked as reviewed by PCC or designee  wisit OR discussi fi screen done at visit OR discussion choices appear when screen done documentation of outreach by phone, fax, or secure email to	screen done: screening tool	child in designated age range	screening rates; children with
results discussed with parents/caregiver: simple documentation that discussion done, OR choices of topics discussed (e.g. strengths, concerns; specific domains; activities to promote development; community resources)  positive screen: ability to identify if score entered is below cutoff for age, by screening tool (tool scoring logic)  referral done: referral categories as choices  referral loop closed: referral response marked as reviewed by PCC or designee  results discussed with discussion choices appear when screen done documentation of discussion associated with screen done; same date  rates of discussion occurring: documentation of discussion associated with screen done; same date  rates of discussion occurring: documentation of discussion associated with screen done; same date  rates of discussion occurring: documentation of discussion associated with screen done; same date  rates of discussion occurring: documentation of discussion associated with screen done; same date  rates of discussion occurring: documentation of discussion associated with screen done; same date  rates of discussion choices  associated with screen done; same date  rates of discussion occurring: documentation of discussion associated with screen done; same date  rates of discussion occurring: documentation of discussion associated with screen done; same date  rates of discussion cocuring: documentation of discussion associated with screen done; same date  rates of discussion cocuring: documentation of discussion associated with screen done; same date  rates of discussion cocuring: documentation of discussion associated with screen done; same date	name and/or 96110 associated	with no screen associated with	screen by age; children without
parents/caregiver: simple documentation that discussion done, OR choices of topics discussed (e.g. strengths, concerns; specific domains; activities to promote development; community resources)  flag if score is below cutoff for age  flag if score is below cutoff for age, by screening tool (tool scoring logic)  referral done: referral categories as choices  positive screen as choices  positive screen associated with no referral (should at least be early follow-up with same provider)  referral loop closed: referral response marked as reviewed by PCC or designee  parents/caregiver: simple documentation of discussion associated with screen done; same date  documentation of discussion associated with screen done; same date  positive screens by time interval; by individual PCC; by domain; by child ages  children with positive screen referred by date, type of referral*  referral response not received/reviewed at chosen time interval  received/reviewed response AND referral response not received/reviewed, by chosen time intervals *  documentation of outreach by phone, fax, or secure email to	with visit	previous visit	screen by age
documentation that discussion done, OR choices of topics discussed (e.g. strengths, concerns; specific domains; activities to promote development; community resources)  flag if score is below cutoff for age by screening tool (tool scoring logic)  referral done: referral categories as choices  positive screen associated with no referral (should at least be early follow-up with same provider)  referral loop closed: referral response not received/reviewed at chosen time interval *  documentation of outreach by phone, fax, or secure email to  associated with screen done; same date	results discussed with	flag to discuss if screen done at	rates of discussion occurring:
done, OR choices of topics discussed (e.g. strengths, concerns; specific domains; activities to promote development; community resources)  flag if score is below cutoff for age  flag if score is below cutoff for age  flag if score is below cutoff for age  by individual PCC; by domain; by child ages  for age, by screening tool (tool scoring logic)  referral done: referral categories as choices  referral loop closed: referral response marked as reviewed by PCC or designee  documentation of outreach by phone, fax, or secure email to  flag if score is below cutoff for age  positive screens by time interval; by individual PCC; by domain; by child ages  children with positive screen referred by date, type of referral sassociated with a received/reviewed at chosen time interval  referral response not received/reviewed, by chosen time intervals *  outreach rates: outreach associated with a referral for a	parents/caregiver: simple	visit OR discussion choices	documentation of discussion
discussed (e.g. strengths, concerns; specific domains; activities to promote development; community resources)  flag if score is below cutoff for age by screen: ability to identify if score entered is below cutoff for age, by screening tool (tool scoring logic)  referral done: referral categories as choices  referral loop closed: referral response marked as reviewed by PCC or designee  provider)  referral response marked as reviewed by PCC or designee  documentation of outreach by phone, fax, or secure email to  flag if score is below cutoff for age by sindividual PCC; by domain; by child ages  positive screens by time interval; by individual PCC; by domain; by child ages  children with positive screen referred by date, type of referral *  referral response not received/reviewed at chosen time interval *  received/reviewed at chosen time intervals *  outreach rates: outreach associated with a referral for a	documentation that discussion	appear when screen done	associated with screen done;
concerns; specific domains; activities to promote development; community resources)  flag if score is below cutoff for age by individual PCC; by domain; by individual PCC; by domain; by child ages  positive screens by time interval; by individual PCC; by domain; by child ages  positive screen associated with no referral categories as choices  positive screen associated with no referral (should at least be early follow-up with same provider)  referral loop closed: referral response not received/reviewed at chosen time interval  response marked as reviewed by PCC or designee  provider  referral response not received/reviewed response not received/reviewed, by chosen time intervals *  documentation of outreach by phone, fax, or secure email to	done, OR choices of topics	documented	same date
activities to promote development; community resources)  flag if score is below cutoff for age by individual PCC; by domain; by individual PCC; by domain; by child ages  referral done: referral categories as choices  referral loop closed: referral response marked as reviewed by PCC or designee  positive screen associated with no referral response not received/reviewed at chosen time interval  response marked as reviewed by phone, fax, or secure email to  flag if score is below cutoff for positive screens by time interval; by individual PCC; by domain; by child ages  children with positive screen referred by date, type of referral*  referral response not received/reviewed response not received/reviewed, by chosen time intervals *  coutreach rates: outreach associated with a referral for a	discussed (e.g. strengths,		
development; community resources)  flag if score is below cutoff for age  flag if score is below cutoff for age  for age, by screening tool (tool scoring logic)  referral done: referral categories as choices  referral loop closed: referral response marked as reviewed by PCC or designee  positive screen is below cutoff for age  flag if score is below cutoff for age  flag if score is below cutoff for age  positive screen sby time interval; by individual PCC; by domain; by child ages  child ages  children with positive screen referred by date, type of referral*  referral response not referrals associated with a received/reviewed at chosen time interval  AND referral response not received/reviewed, by chosen time intervals *  documentation of outreach by phone, fax, or secure email to	concerns; specific domains;		
resources)  flag if score is below cutoff for age  flag if score is below cutoff for age  flag if score is below cutoff for age  for age, by screening tool (tool scoring logic)  referral done: referral categories as choices  referral loop closed: referral response marked as reviewed by PCC or designee  PCC or designee  referral response marked as reviewed by phone, fax, or secure email to  flag if score is below cutoff for age  flag if score is below cutoff for age  flag if score is below cutoff for age  positive screens by time interval; by individual PCC; by domain; by child ages  child ages  children with positive screen referred by date, type of referral *  received/reviewed at chosen time interval  received/reviewed response not received/reviewed, by chosen time intervals *  outreach rates: outreach associated with a referral for a	activities to promote		
flag if score is below cutoff for age, by screening tool (tool scoring logic)  referral done: referral categories as choices  referral loop closed: referral response marked as reviewed by PCC or designee  positive screen is below cutoff for age by individual PCC; by domain; by child ages  child ages  children with positive screen referred by date, type of referral*  referral response not received/reviewed at chosen time interval  received/reviewed at chosen time intervals *  documentation of outreach by phone, fax, or secure email to  flag if score is below cutoff for age  positive screens by time interval; by individual PCC; by domain; by child ages  child ages  children with positive screen referred by date, type of referral *  response not received/reviewed at chosen time interval s *  outreach rates: outreach associated with a referral for a	development; community		
positive screen: ability to identify if score entered is below cutoff for age, by screening tool (tool scoring logic)  referral done: referral categories as choices  referral loop closed: referral response marked as reviewed by PCC or designee  positive screen associated with no referral response not received/reviewed at chosen time interval  response marked as reviewed by phone, fax, or secure email to  positive screen associated with no referral death by phone, fax, or secure email to  positive screen associated with a children with positive screen referred by date, type of referral response not received/reviewed at chosen time interval  response marked as reviewed by received/reviewed at chosen time intervals *  outreach rates: outreach associated with a referral for a	resources)		
if score entered is below cutoff for age, by screening tool (tool scoring logic)  referral done: referral categories as choices  referral loop closed: referral response not response marked as reviewed by PCC or designee  provider  referral response marked as reviewed by phone, fax, or secure email to  positive screen associated with children with positive screen referred by date, type of referral response not referral response not received/reviewed at chosen time interval  response marked as reviewed by phone, fax, or secure email to  positive screen associated with a children with positive screen referred by date, type of referral*  referral loop closed: referral response not received/reviewed at chosen time interval  received/reviewed, response not received/reviewed, by chosen time intervals *  outreach rates: outreach associated with a referral for a		flag if score is below cutoff for	positive screens by time interval;
for age, by screening tool (tool scoring logic)  referral done: referral categories as choices  positive screen associated with no referral (should at least be early follow-up with same provider)  referral loop closed: referral response not received/reviewed at chosen time interval  response marked as reviewed by PCC or designee  provider  referral response not received/reviewed response not received/reviewed, by chosen time intervals *  documentation of outreach by phone, fax, or secure email to  positive screen associated with a children with positive screen referred by date, type of referral *  referral categories associated with a referral response not received/reviewed response AND referral response not received/reviewed, by chosen time intervals *	positive screen: ability to identify	age	by individual PCC; by domain; by
scoring logic)  referral done: referral categories as choices  positive screen associated with no referral (should at least be early follow-up with same provider)  referral loop closed: referral response not response marked as reviewed by PCC or designee  provider  referral response not received/reviewed at chosen time interval  documentation of outreach by phone, fax, or secure email to  positive screen associated with a children with positive screen referred by date, type of referral *  referral children with positive screen associated with preferral associated with a referral *  referral tesponse not received/reviewed response AND referral response not received/reviewed, by chosen time intervals *	if score entered is below cutoff		child ages
referral done: referral categories as choices  no referral (should at least be early follow-up with same provider)  referral loop closed: referral response not received/reviewed at chosen time interval  response marked as reviewed by PCC or designee  documentation of outreach by phone, fax, or secure email to  positive screen associated with a children with positive screen referred by date, type of referrals associated with a referral response not received/reviewed at chosen time interval  area associated with a received/reviewed response not received/reviewed, by chosen time intervals *  outreach rates: outreach associated with a referral for a	for age, by screening tool (tool		
as choices  no referral (should at least be early follow-up with same provider)  referral loop closed: referral response not response marked as reviewed by PCC or designee  documentation of outreach by phone, fax, or secure email to  referral (should at least be early follow-up with same provider)  referral (should at least be referred by date, type of referral*  referral response not received/reviewed response AND referral response not received/reviewed, by chosen time intervals *  outreach rates: outreach associated with a referral for a	scoring logic)		
early follow-up with same provider)  referral loop closed: referral response not response marked as reviewed by PCC or designee time interval  documentation of outreach by phone, fax, or secure email to  referral response not referrals associated with a received/reviewed at chosen time interval AND referral response not received/reviewed, by chosen time intervals *	referral done: referral categories	positive screen associated with	children with positive screen
referral loop closed: referral response not response marked as reviewed by PCC or designee time interval AND referral response not received/reviewed, by chosen time intervals *  documentation of outreach by phone, fax, or secure email to referral response not received/reviewed, by chosen time intervals *	as choices	no referral (should at least be	referred by date, type of
referral loop closed: referral response not response marked as reviewed by PCC or designee time interval received/reviewed at chosen time interval received/reviewed response not received/reviewed, by chosen time intervals *  documentation of outreach by phone, fax, or secure email to referral response not received/reviewed, by chosen time intervals *  outreach rates: outreach associated with a referral for a		early follow-up with same	referral*
response marked as reviewed by PCC or designee time interval received/reviewed at chosen time interval received/reviewed response AND referral response not received/reviewed, by chosen time intervals *  documentation of outreach by phone, fax, or secure email to outreach associated with a referral for a		provider)	
PCC or designee time interval AND referral response not received/reviewed, by chosen time intervals *  documentation of outreach by phone, fax, or secure email to outreach associated with a referral for a	referral loop closed: referral	referral response not	referrals associated with a
documentation of outreach by phone, fax, or secure email to  received/reviewed, by chosen time intervals *  outreach rates: outreach associated with a referral for a	response marked as reviewed by	received/reviewed at chosen	received/reviewed response
documentation of outreach by phone, fax, or secure email to time intervals *  outreach rates: outreach associated with a referral for a	PCC or designee	time interval	AND referral response not
documentation of outreach by phone, fax, or secure email to outreach associated with a referral for a			received/reviewed, by chosen
phone, fax, or secure email to associated with a referral for a			time intervals *
phone, fax, or secure email to associated with a referral for a			
	documentation of outreach by		outreach rates: outreach
obtain referral results positive screen: rate of	phone, fax, or secure email to		associated with a referral for a
positive on cert, rate of	obtain referral results		positive screen; rate of
successful outreach - outreach			successful outreach - outreach
associated with referral loop			associated with referral loop
closed*			closed*

<sup>\*</sup> These reports would facilitate a tracking system.

## **Patient Portal**

screening tools for parents to
complete
result summary to PCC for
associated visit ( assumes scoring
logic integrated)
result summary and
recommendations/referrals to
parent/caregiver