

HRSA Primary Care Training and Enhancement

Fully Integrating Behavioral Health Care into an Academic Family Medicine and a FQHC Clinic: Preparing Residents to Work Effectively in Integrated Care

Department of Family and Community
Medicine
Wake Forest University School of Medicine
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TOBHP28568

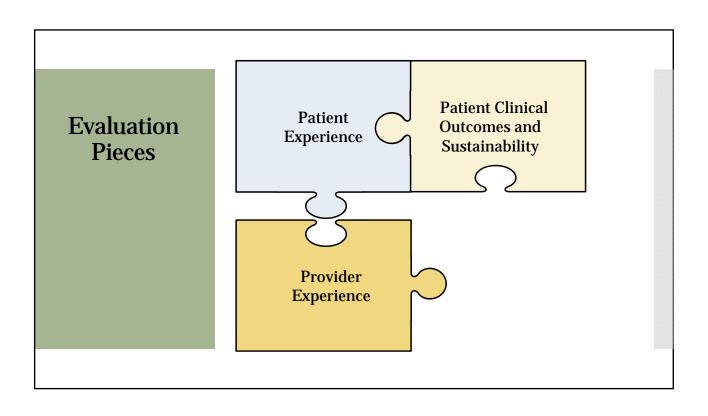


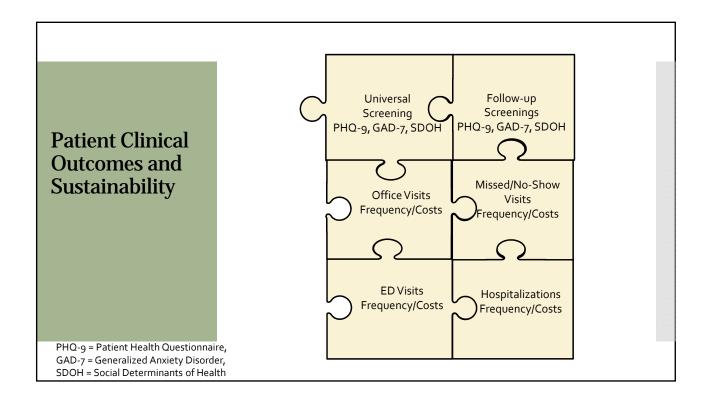
Create an educational infrastructure and transform clinical operations to become fully integrated Patient-Centered Medical Homes (IPCMH)

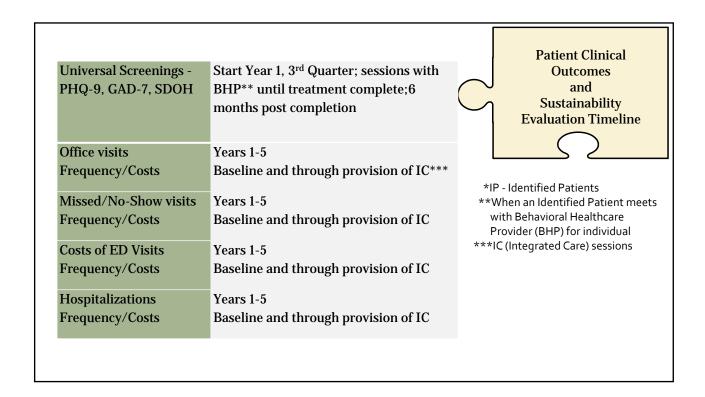
- •Ensure more effective care and safety for all patients (IRB approvals), especially for underserved patients who have more behavioral health needs.
- •Teach residents, faculty, and health professions learners to function in integrated teams.

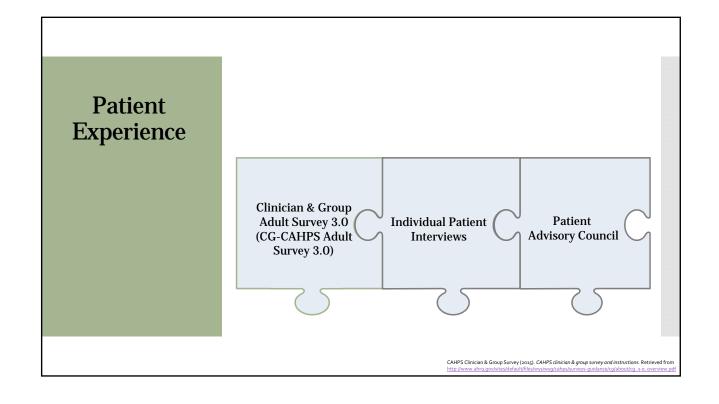
## Overall Project Objectives

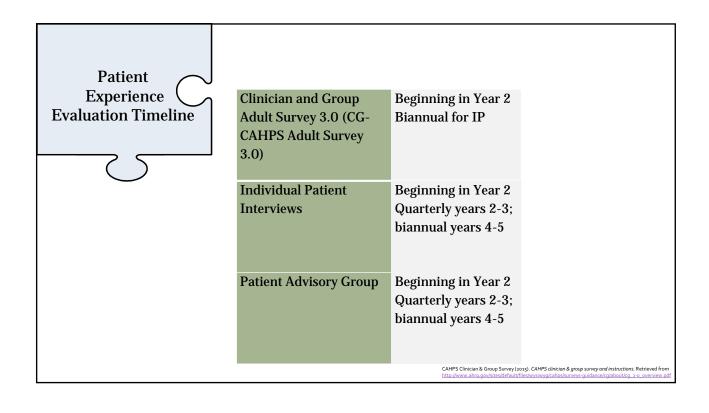
- •Develop, implement, evaluate, and sustain an Integrated Patient-Centered Medical Home (IPCMH) curriculum and practice for residents, faculty, students, and staff.
- •Develop, implement, evaluate, and sustain the model for all clinician providers, learners, and staff to enhance resident and health professions learner education.

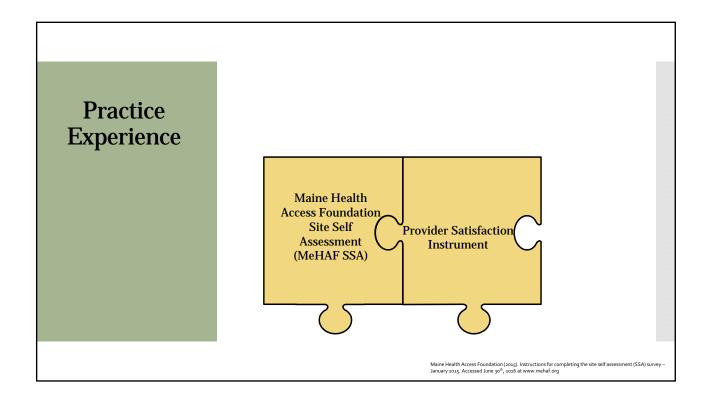


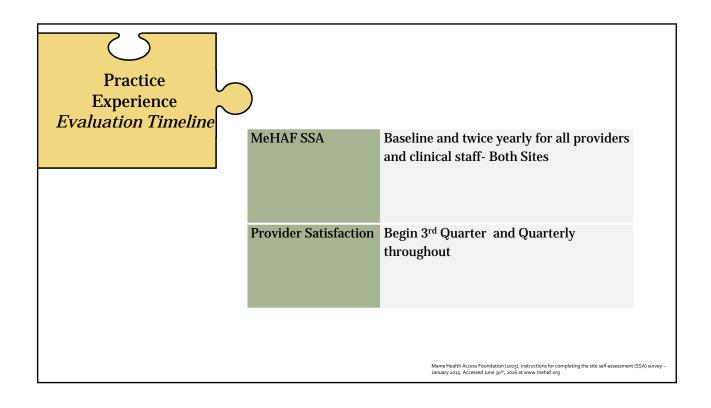












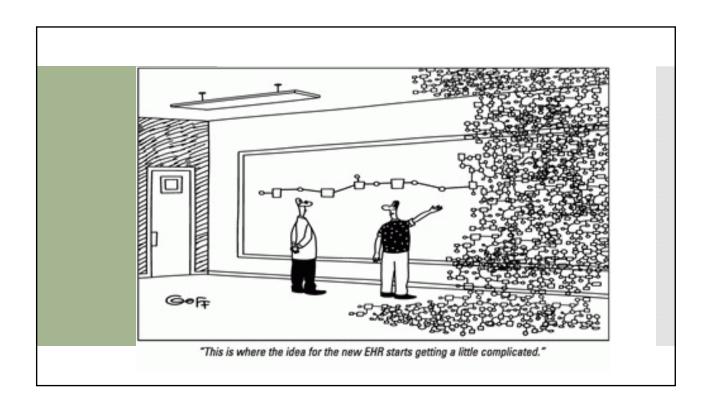
# Evaluation Plan

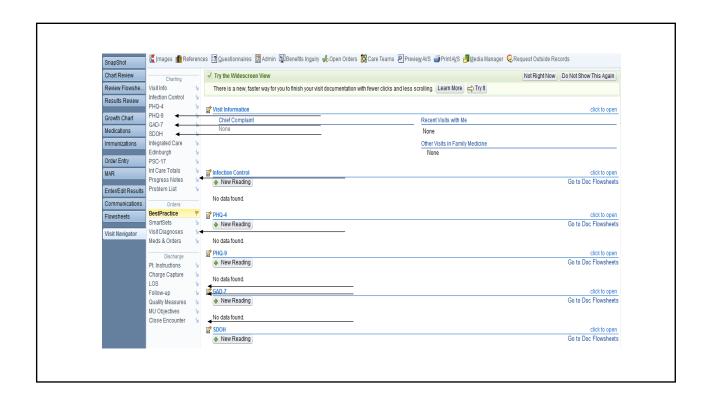
## Qualitative

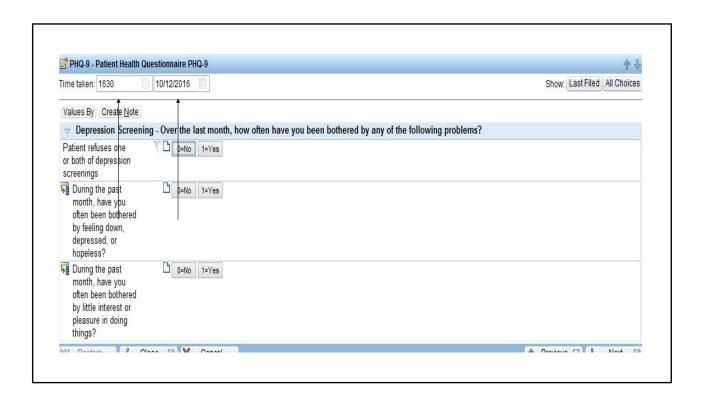
- Patient Advisory Groups
- Individual Patient Interviews

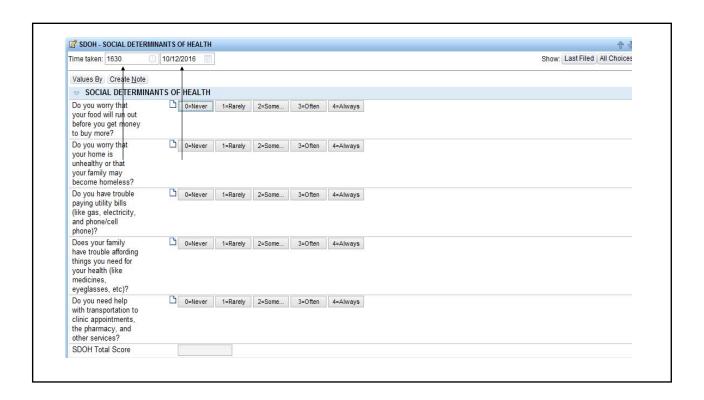
## Quantitative

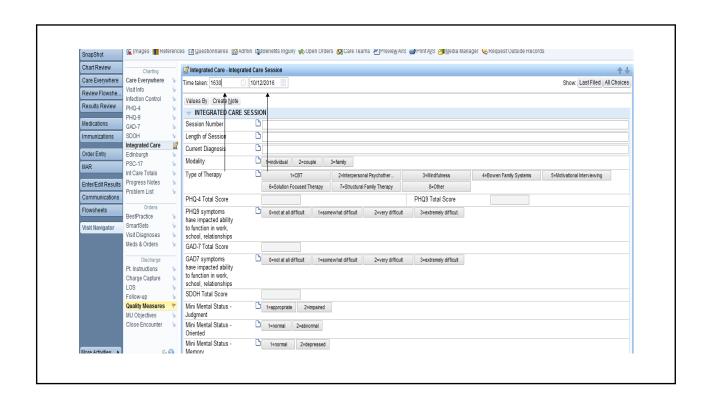
Statistic and summary of evaluative measures









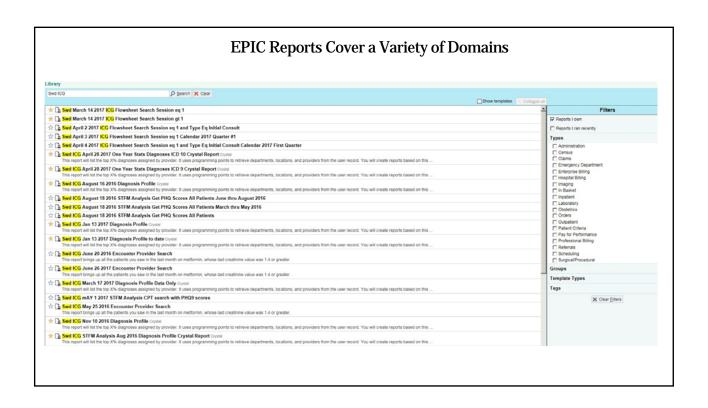


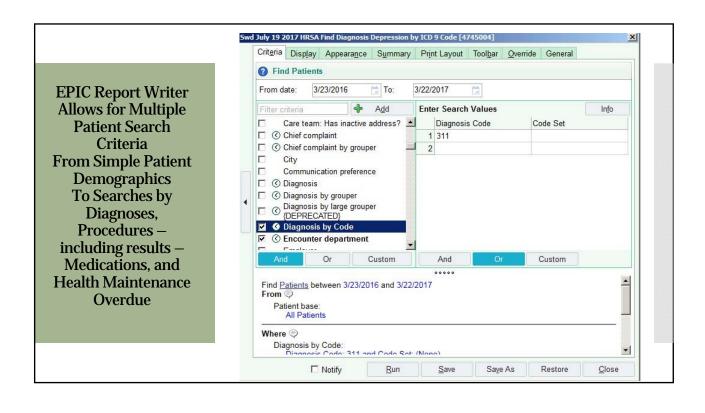
## **Data Tools**

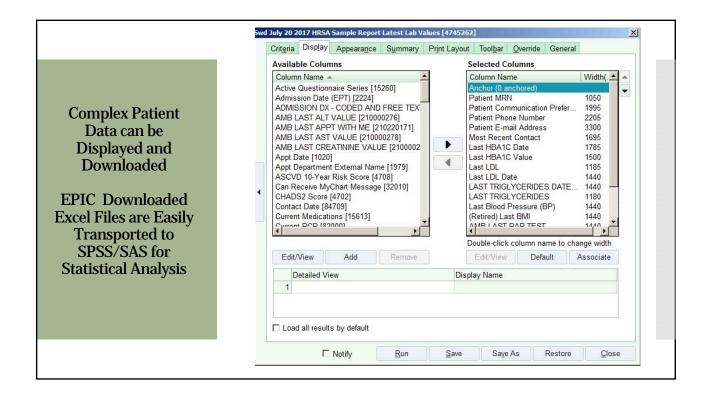
- EPIC Reporting Workbench, Crystal Reports, Healthy Planet
- WFUBMC Data Mart
- · Commercial Software Tableau, SPSS/SAS

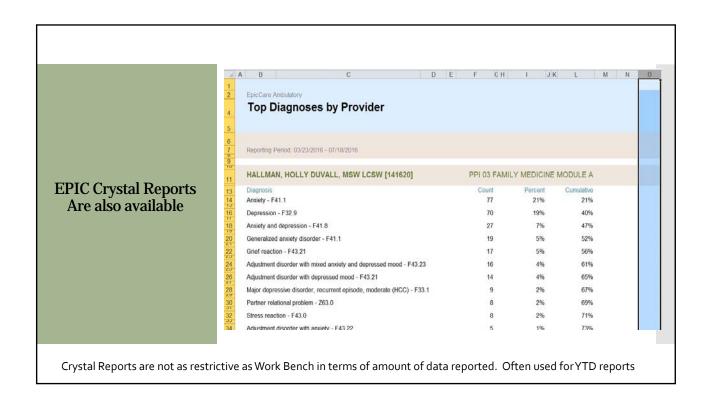
## Suggestions/ Challenges

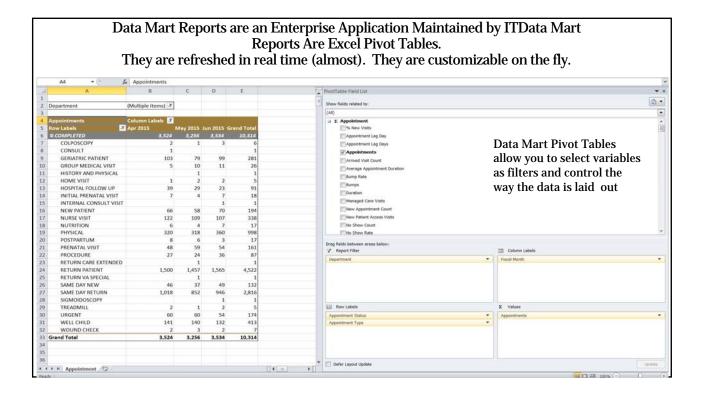
- IT Personnel Are your friends (e.g. flowsheets)
- · Raw Data Always check random sample
- Challenge Epic: High security clearance
- · Challenge Epic: All variables not populated
- Challenge >1 EHR
- Challenge Analysis cross-sectional and longitudinal, different enrollment dates



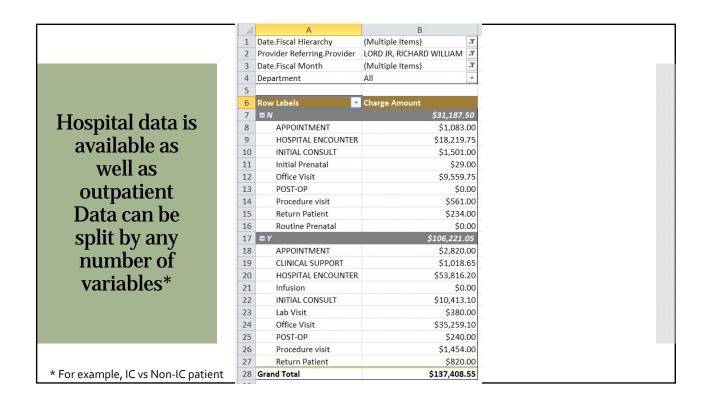


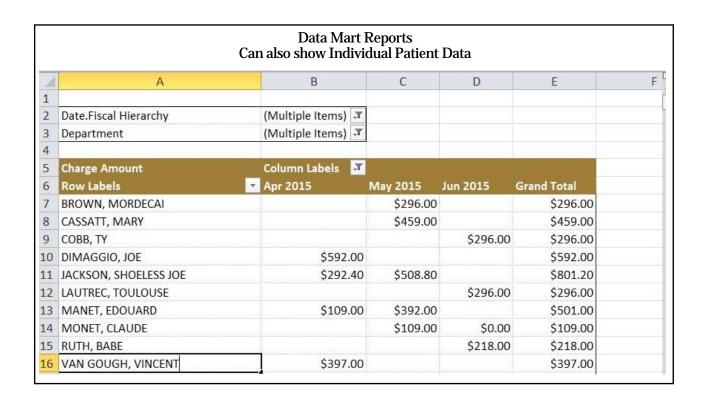






	1					
	2	Department	(Multiple Items) -			
	3	Date.Fiscal Month	(Multiple Items)			
	4	Date: i Scar Worth	(Waterpie Rems)			
	5	Appointments	Column Labels 📝			
	6		The second secon	COMPLETED	NO SHOW	Grand Total
	7	COLPOSCOPY	2	THE OWNER WHEN PERSON NAMED IN		9
Data Mart Reports	8	CONSULT		1		1
	9	GERIATRIC PATIENT	96		15	392
Include a plethora	10	GROUP MEDICAL VISIT	46	26	7	79
	11	HISTORY AND PHYSICAL		1		1
of visit and	12	HOME VISIT		5	2	7
	13	HOSPITAL FOLLOW UP	57	91	26	174
financial	14	INITIAL PRENATAL VISIT	9	18		33
:faatia	15	INTERNAL CONSULT VISIT		1		1
information	16	NEW PATIENT	92	194	49	335
	17	NURSE VISIT	72	338	49	459
	18	NUTRITION	21	17	20	58
	19	PHYSICAL	511	998	159	1,668
	20	POSTPARTUM	3	17	7	27
	21	PRENATAL VISIT	53	161	25	239
	22	PROCEDURE	53	87	16	156
	23	RETURN CARE EXTENDED		1		1
	24	RETURN PATIENT	2,040	4,522	863	7,425
	25	RETURN VA SPECIAL	2	1		3
	26	SAME DAY NEW	23	132	8	163
	27	SAME DAY RETURN	444	2,816	189	3,449
	28	SIGMOIDOSCOPY	7	1		8
	29	TREADMILL	6	5	4	15
	30	URGENT	21	174	11	206
	31	WELL CHILD	183	413	184	780
	32	WOUND CHECK	3	7	2	12
	33	Grand Total	3,744	10,314	1,643	15,701





#### Data for 3/23/2016 - 3/22/2017

Item	Appts	Patient Distinct	Percent
Age <sup>1</sup>			
1-6	18	17	1.74
7-12	39	28	2.86
13-17	74	39	3.99
18-65	1,741	781	79.86
66≦	282	115	11.76
Sex <sup>1</sup>			
Female	1,545	716	73.21
Male	610	262	26.79

## Psychological/SDOH Scores for Enrolled Patients – Most Recent Assessments

#### Data for 3/23/2016 - 3/22/2017

Item	PHQ-9	GAD-7	SDOH
N	662	659	236
Mean	12.16	10.66	4.09
Median	12.00	11.00	3.00
SD	6.50	6.23	4.42
Minimum	0	0	0
Maximum	27	21	20

Scores are current as of 5/3/2017

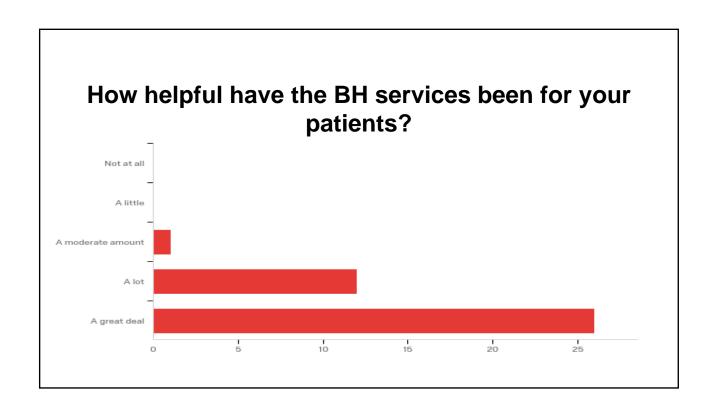
## **PHQ9 Scores by Number of Therapy Sessions**

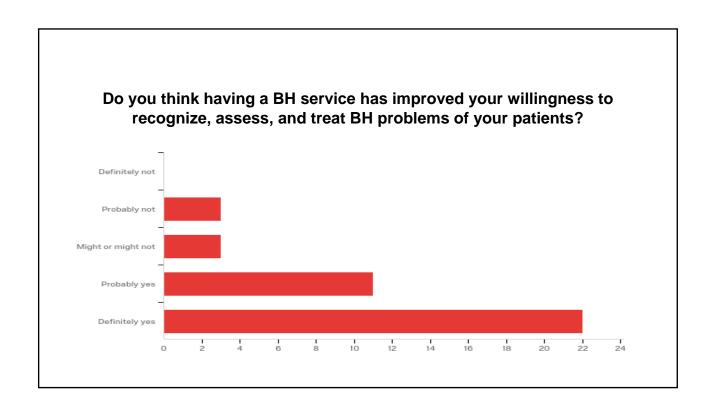
Session	N	Mean	SD
1	286	12.20	6.28
2-5	269	12.48	6.64
> 5	81	10.54	6.54

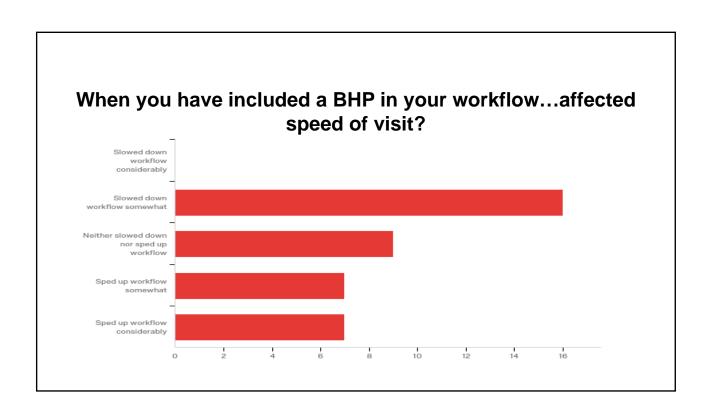
## Data for 3/23/2016 - 3/22/2017

Item	Patient Distinct	Percentage
Anxiety – F41.9	206	19.51
Anxiety and depression – F41.9, F32.9	88	8.01
Depression – F32.9	74	4.63
Other Depression – F32.89	67	3.68
Stress – F43.9	43	3.49
Generalized Anxiety Disorder – F41.1	42	3.73
Grief Reaction – F43.20	36	1.97
Bipolar I Disorder – F31.9	10	0.95

343 diagnoses







## Lessons Learned

- Identify team members interdisciplinary
- Understand roles/responsibilities ('buckets')
- Schedule meetings and communicate
- · Address partners HIPPA concerns
- · How do you get data in? Data out?
- Shared vision\*