

Mass General Incorporated
Brigham and Women's Faulkner Hospital
DoN# MGB-20121716-HE

Table 1.

FY 2019								
	BWFH Patient Pop.		BWFH Endoscopy		BWFH Med/Surg IP		Observation Unit	
Age	Count	Percentage	Count	Percentage	Count	Percentage	Count	Percentage
0-17	1,054	1%	655	10%	0	0%	69	5%
18-54	34,692	38%	1,951	29%	2,823	32%	385	29%
55-64	19,745	22%	1,739	26%	1,814	20%	268	20%
65-74	20,728	23%	1,611	24%	1,793	20%	385	29%
75-84	11,322	12%	730	11%	1,397	16%	192	14%
85+	4,125	4%	106	2%	1,046	12%	41	3%
Unknown	1	0%	0	0%	0	0%	0	0%
Total	91,667	100%	6,792	100%	8,873	100%	1,340	100%

Footnote:

- BWH Patient Population information is produced from a live database, meaning that patient data can update over time, including age cohort. As such, age cohorts from the previous submission.
- Additionally, the number of total unique for the BWFH Patient Population changed slightly (decrease of 4 patients), again due to the use of a database
- In the previous submission, there were 513 patients with an age of "unknown." Due to the live database, the ages for these patients are now accessible across the appropriate age cohorts.

MRI	
Count	Percentage
10	0%
2,202	40%
1,258	23%
1,165	21%
612	11%
262	5%
0	0%
5,509	100%

this resulted in a variation across

using live patient data
e and have been reassigned

Mass General Incorporated
Brigham and Women's Faulkner Hospital
DoN# MGB-20121716-HE

Table 4.C

Observation					
Age Group	FY 2019 Cases	FY 2024 Cases	FY 2025 Cases	FY 2026 Cases	FY 2027 Cases
0-17	88	88	88	88	88
18-44	233	278	278	278	277
45-64	538	514	517	520	522
65 and Up	748	851	875	899	922
Total	1,607	1,731	1,757	1,784	1,810

Endoscopy					
Age Group	FY 2019 Cases	FY 2024 Cases	FY 2025 Cases	FY 2026 Cases	FY 2027 Cases
0-17	700	700	700	700	700
18-44	690	1,140	1,154	1,101	1,173
45-64	3,218	2,805	2,841	2,714	2,894
65 and Up	2,636	2,549	2,644	2,584	2,818
Total	7,244	7,194	7,338	7,099	7,586

MRI					
Age Group	FY 2019 Cases	FY 2024 Cases	FY 2025 Cases	FY 2026 Cases	FY 2027 Cases
0-17	10	10	10	10	10
18-44	1,347	1,472	1,520	1,567	1,614
45-64	2,466	2,753	2,854	2,955	3,057
65 and Up	2,273	2,411	2,558	2,710	2,866
Total	6,096	6,647	6,942	7,241	7,546

Med/Surg					
Age Group	FY 2019 Cases	FY 2024 Cases	FY 2025 Cases	FY 2026 Cases	FY 2027 Cases
0-17	0	0	0	0	0
18-44	1,959	3,298	3,703	4,087	4,466
45-64	3,909	3,610	4,041	4,440	4,826
65 and Up	5,427	6,379	7,312	8,216	9,133
Total	11,295	13,286	15,056	16,743	18,425

Mass General Incorporated
Brigham and Women's Faulkner Hospital
DoN# MGB-20121716-HE

Table 5.E.

Fiscal Year	No Exclusion ¹	% Faulkner Not Available	Screened ²
FY 2017	3,968	57%	**started collecting in May 2017
FY 2018	4,071	63%	1,944
FY 2019	4,851	49%	2,517
FY 2020	6,549	24%	4,365
FY 2021 (Q1-Q3)	3,272	47%	1,443

Footnotes:

1. **No Exclusion:** any patient who is determined to be clinically eligible for transfer/meets transfer criteria
2. **Screened:** Due to BWFH not being available for transfer (capacity limitations) not all patients who meet transfer eligibility are screened
3. **Transferred:** Not all patients who are screened are transferred due to a number of reasons, including, but not limited to: patient/family preference
4. **Patients Unable to Transfer:** Represents potential missed opportunity due to the Faulkner not having availability to accommodate an eligible transfer
5. **CMI:** Measure of acuity for inpatients using MS DRG weights; data in table represents acuity level of all transferred patients. A lower value indicates higher acuity
6. Data excludes transfers from AMCs that are not BWH

Transferred ³	Patients Unable to Transfer ⁴	CMI ⁵
695	--	1.08
783	2,127	1.12
1,078	2,334	1.12
1,296	2,184	1.18
764	1,829	1.16

nce, community MD declined, change in patient condition, and continuity of care

sfer

ates a lower acuity or complexity/ a higher value indicates a higher acuity or complexity

Mass General Incorporated
Brigham and Women's Faulkner Hospital
DoN# MGB-20121716-HE

Table 6.

Question 6								
Patients (Total, and Percent of ED Patients)								Behavior
		FY 2017		FY 2018		FY 2019		FY 2017
Category	Age Group	Total	Percent	Total	Percent	Total	Percent	Total
24 Hours or Less in ED, admitted to IP Unit	<55	2,461	8%	2,267	7%	2,327	7%	429
	55-64	1,425	5%	1,388	5%	1,255	4%	91
	65-74	1,410	5%	1,343	4%	1,334	4%	41
	75-84	1,397	5%	1,335	4%	1,279	4%	19
	85+	1,179	4%	1,165	4%	1,212	4%	11
Total		7,872	27%	7,498	24%	7,407	23%	591
More Than 24 Hours in ED, admitted to IP Unit	<55	47	23%	32	24%	3	18%	47
	55-64	15	7%	6	5%	1	6%	15
	65-74	7	3%	4	3%	0	0%	7
	75-84	2	1%	0	0%	0	0%	2
	85+	0	0%	0	0%	0	0%	0
Total		71	34%	42	32%	4	24%	71
In ED, Observation Only	<55	0	0%	269	1%	694	2%	0
	55-64	0	0%	34	0%	164	1%	0
	65-74	0	0%	12	0%	129	0%	0
	75-84	0	0%	1	0%	94	0%	0
	85+	0	0%	0	0%	63	0%	0
Total		0	0%	316	1%	1,144	3%	0

Mental Health Patients (Total, and Percent of ED Patients)				
	FY 2018		FY 2019	
Percent	Total	Percent	Total	Percent
1%	469	2%	450	1%
0%	110	0%	126	0%
0%	49	0%	62	0%
0%	17	0%	23	0%
0%	9	0%	3	0%
1%	654	2%	664	1%
23%	32	24%	2	12%
7%	6	5%	1	6%
3%	4	3%	0	0%
1%	0	0%	0	0%
0%	0	0%	0	0%
34%	42	32%	3	18%
0%	265	1%	529	2%
0%	34	0%	68	0%
0%	12	0%	23	0%
0%	1	0%	11	0%
0%	0	0%	0	0%
0%	312	1%	631	2%

Mass General Incorporated
Brigham and Women's Faulkner Hospital
DoN# MGB-20121716-HE

Table 7.

Item	FY 2018	FY 2019
ED Boarder Hours	46,570	65,777
# of Boarders in the ED > 12 hours	1,181	1,809
Avg time to Admission for inpatients (in hours)	6.73	7.68
Avg time to Discharge for all other patients (in hours)	4.33	4.38

Mass General Incorporated
Brigham and Women's Faulkner Hospital
DoN# MGB-20121716-HE

Table 7A. Number of Code Helps and Days in Code Help at BWH

Fiscal Year	FY 2018	FY 2019	FY 2020 (affected by COVID)
# Code Help	34	95	54
Total Days in Code Help	12.6	58.9	36.4

FY 2021 (through 7/9/2021)

72

71

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 Brigham and Women's Faulkner Hospital
 DoN# MGB-20121716-HE

Table 7.B.i Total Number of BWH ED Patients Transferred to BWFH During Code Help and Outside of C

Fiscal Year	FY 2018	FY 2019	FY 2020 (affected by COVID)
During Code Help	50	217	218
Outside of Code Help	733	861	1,078
Grand Total	783	1,078	1,296

Table 7.B.ii Average Number of BWH ED Patients Transferred to BWFH Per Day (Combined Tables 7A a

Fiscal Year	FY 2018	FY 2019	FY 2020 (affected by COVID)
During Code Help	4	3.7	6
Outside of Code Help	2.1	2.8	3.3

ode Help

FY 2021 (Through 7/9/2021)	
	207
	580
	787

ind 7.B.i)

FY 2021 (Through 7/9/2021)	
	2.9
	2.8

Mass General Incorporated
Brigham and Women's Faulkner Hospital
DoN# MGB-20121716-HE

Table 8.

Top 10 Diseases for BWFH Med/Surg					
	Addiction/Chemical Dependency	Osteoarthritis	Congestive Heart Failure	Septicemia	Urinary Tract Infection
FY 2017	347	707	288	200	202
55-64	251	198	40	30	34
65-74	83	298	56	53	48
75-84	11	182	73	48	61
85+	2	29	119	69	59
FY 2018	359	718	294	222	204
55-64	265	226	46	51	40
65-74	84	316	53	49	34
75-84	7	158	81	68	60
85+	3	18	114	54	70
FY 2019	369	826	304	250	227
55-64	273	282	50	44	43
65-74	85	363	52	59	50
75-84	11	159	73	77	67
85+	0	22	129	70	67

Footnotes:

These numbers will not tie to initial submission for two reasons:

1. The question only asked for a breakdown for ages 55-85+, which excludes patients between the ages of 0-54, as well as the unknown
2. Routine post procedure recovery patients (RPPR) were excluded from the original submission. While these patients are billed as an out patient population requiring bed needs

Inpatient Admissions, by Age Grouping (Including RPPR)			
Breast Cancer	Pneumonia Including Aspiration Pneumonia	Chronic Obstructive Pulmonary Disease	Degenerative Spine and Disc Injury
160	189	240	200
83	27	55	69
59	39	84	80
14	52	59	44
4	71	42	7
123	203	194	221
75	41	47	79
34	46	58	83
12	53	63	44
2	63	26	15
187	219	214	192
86	47	70	82
67	46	59	64
31	59	54	35
3	67	31	11

population

patient they require extended recovery time causing them to be recovered in a bed. RPPR patients are included in the ta

Diabetes Mellitus	Total
123	2,656
45	832
37	837
29	573
12	414
133	2,671
40	910
55	812
26	572
12	377
136	2,924
51	1,028
44	889
27	593
14	414

ble above better represent the

Mass General Incorporated
Brigham and Women's Faulkner Hospital
DoN# MGB-20121716-HE

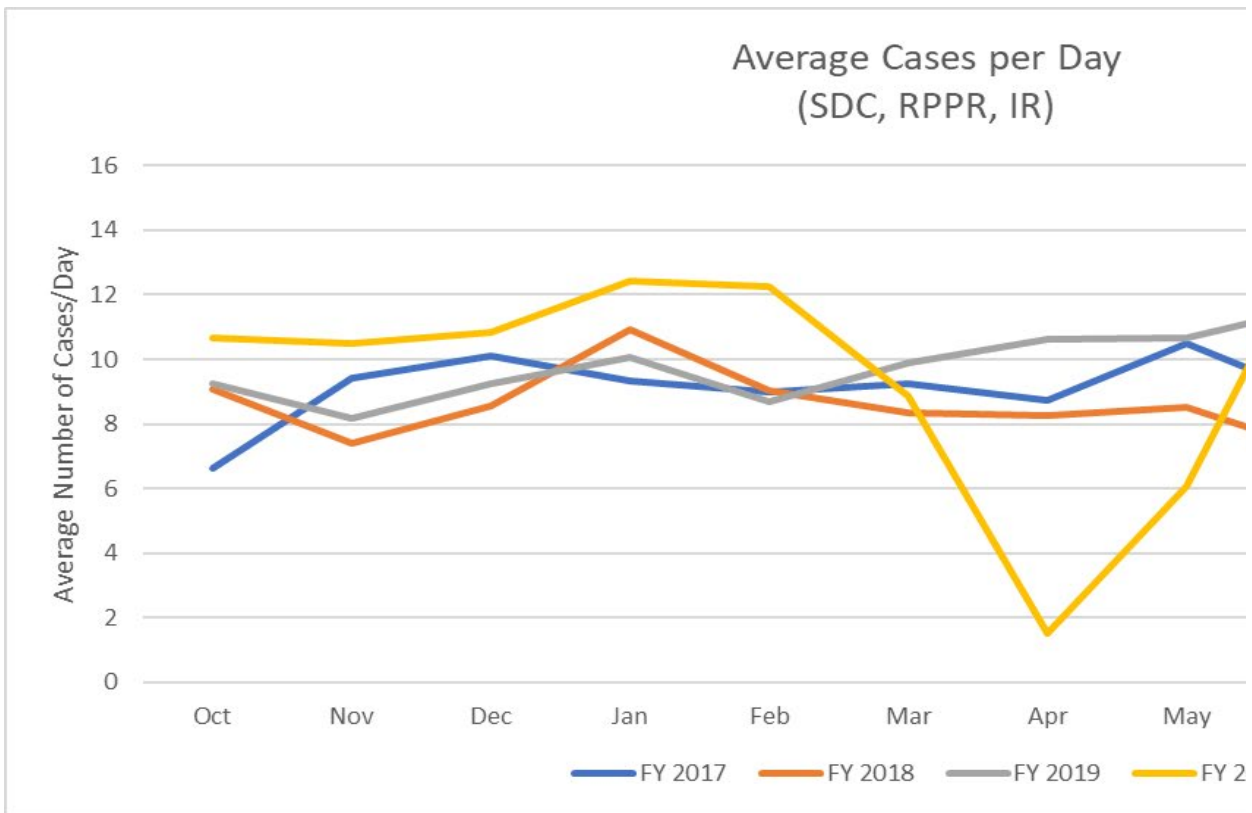
Table 9.

Med/Surg Beds	125
Addiction Beds	8

Med/Surg IP Bed Days Vs. Addiction B							
Med/Surg IP Bed Days	Oct	Nov	Dec	Jan	Feb	Mar	Apr
FY 2017	2,734	2,899	3,919	3,012	2,804	3,216	2,854
FY 2018	2,995	2,917	2,961	3,232	2,897	3,478	3,231
FY 2019	3,370	3,061	3,422	3,458	3,041	3,414	3,393
Addiction Bed Days	Oct	Nov	Dec	Jan	Feb	Mar	Apr
FY 2017	226	239	219	230	211	233	236
FY 2018	234	239	220	227	205	223	242
FY 2019	215	215	227	189	215	219	224

ed Days					
May	Jun	Jul	Aug	Sep	Total Bed Days
2,993	2,886	2,932	3,212	3,063	36,524
2,965	3,059	2,898	2,897	2,940	36,470
3,449	3,055	3,563	3,437	3,193	39,856
May	Jun	Jul	Aug	Sep	Total Bed Days
218	226	234	239	237	2,748
245	230	243	223	218	2,749
225	230	233	233	212	2,637

Mass General Incorporated
Brigham and Women's Faulkner Hospital
DoN# MGB-20121716-HE

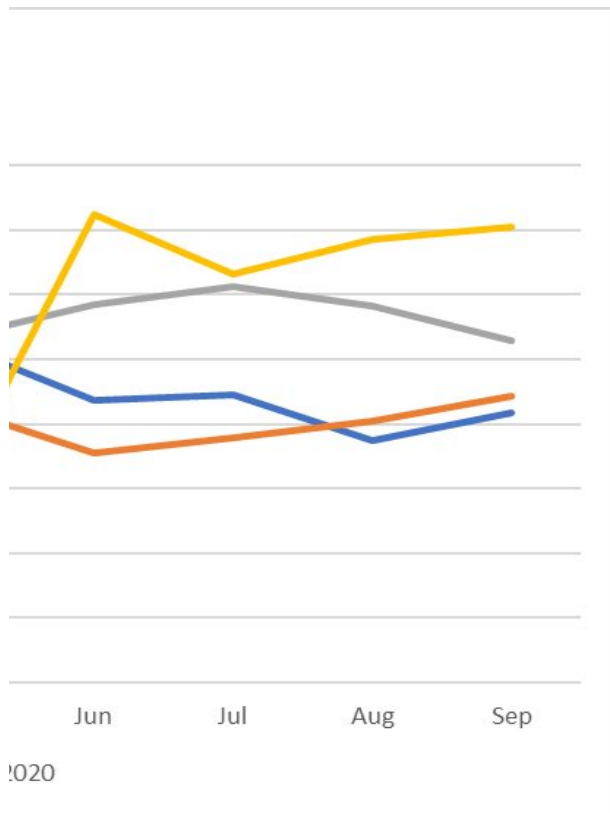


Footnote:

Data includes patient types of Same Day Discharge (SDC) and Routine Post Procedure Recovery (RPPR)

Services included in above graph are: Gynecology, Surgical Oncology (Mastectomies, Thyroidectomies), Robotic Prostatectomies, Hip/Knee Arthroplasties, and Interv

The dip in volume for April and May of FY20 is due to the COVID-19 pandemic



ventional Radiology

Mass General Incorporated
Brigham and Women's Faulkner Hospital
DoN# MGB-20121716-HE

Table 12.A.

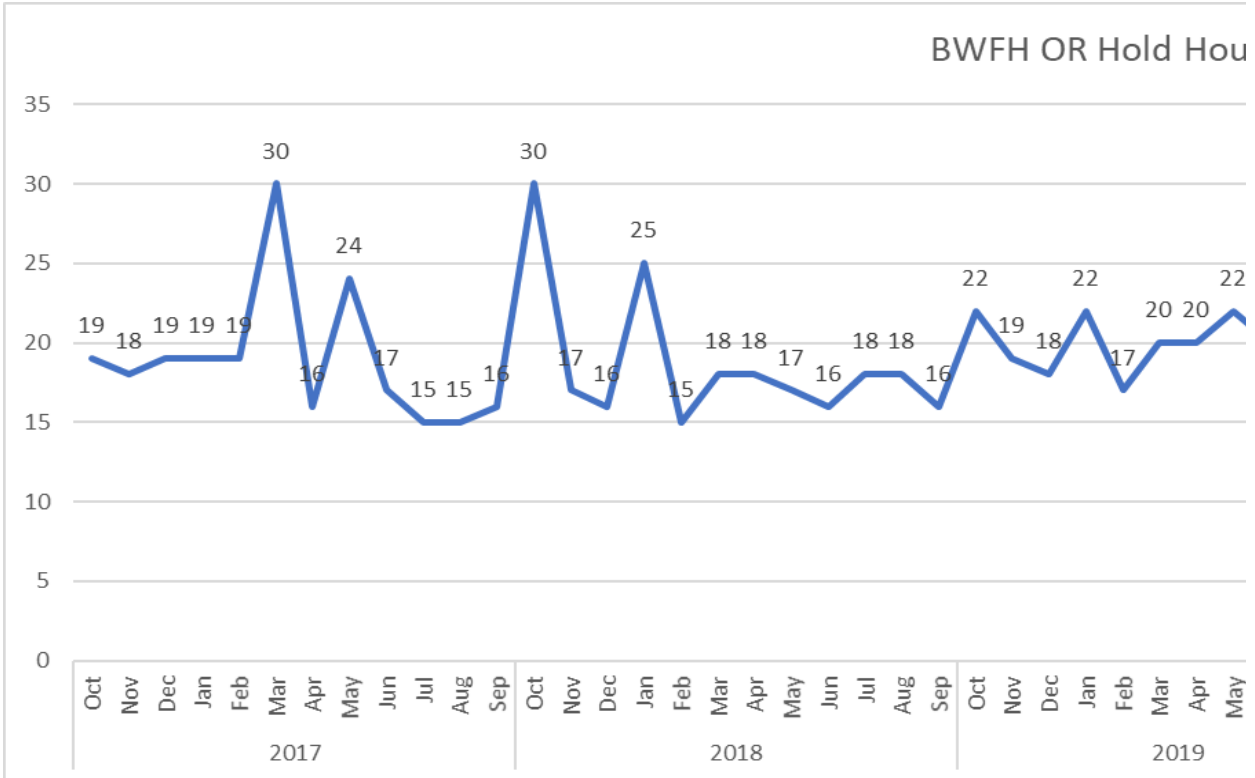
	FY 2017	FY 2018	FY 2019
6 North	536	399	358
6 South	757	451	389
7 North	408	391	447
7 South	363	400	721
Total	2,064	1,641	1,915

Footnotes:

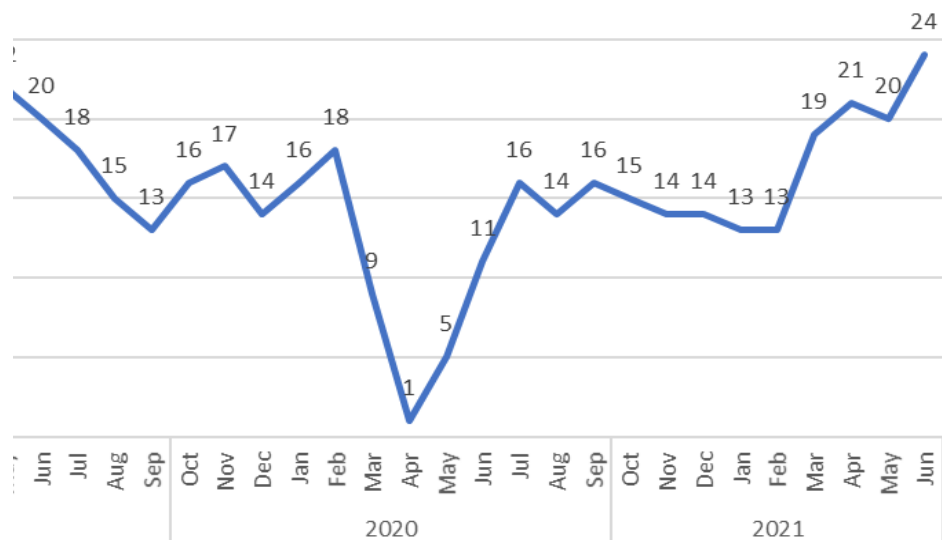
- Data is reflective of Routine Post Procedure Recovery (RPPR) and Admit to Observation (ATO) patient types
- All encounters listed in the table have a Length of Stay (LOS) of 1 day or less

Mass General Incorporated
 Brigham and Women's Faulkner Hospital
 DoN# MGB-20121716-HE

Chart 12.B.ii.



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Mass General Incorporated
Brigham and Women's Faulkner Hospital
DoN# MGB-20121716-HE

Table 14.C.

Age Grouping	FY 2017	FY 2018	FY 2019
	Patient Encounters	Patient Encounters	Patient Encounters
55-64	454	505	551
65-74	442	520	617
75-84	187	196	270
85+	49	35	39
Total	1,132	1,256	1,477

Footnote:

- Data is reflective of RPPR and SDC patient types
- Volume is representative of Surgical Oncology and Urology services

Mass General Incorporated
Brigham and Women's Faulkner Hospital
DoN# MGB-20121716-HE

Table 15.D.

Average Wait Time for Endoscopy Procedures (Days)				
Age Group	FY 2017	FY 2018	FY 2019	FY 2017 - 2019 Avg
Routine Procedures				
55-64	105	83	68	86
65-74	103	76	68	82
75-84	83	70	62	71
85+	41	33	30	35
Total	96	75	62	77
Advanced Procedures				
55-64	24	29	17	24
65-74	11	15	15	14
75-84	20	28	10	18
85+	12	21	13	15
Total	20	22	16	20

Footnotes:

- Average wait time is calculated in days
- Routine procedure wait time is inclusive of annual screening procedures, which may have significantly longer lag times between order date and schedule date

Mass General Incorporated
Brigham and Women's Faulkner Hospital
DoN# MGB-20121716-HE

Table 15.E.

Advanced endoscopy procedure location	# of Advanced Endoscopy Procedures Completed					
	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	Total
BWFH operating room						
Age						
55-64	21	31	32	27	19	130
65-74	18	31	45	31	38	163
75-84	11	14	28	20	20	93
85+	5	2	6	4	3	20
Total	55	78	111	82	80	406
Transferred to BWH for Procedure						
Age						
55-64	2	14	6	6	10	38
65-74	5	3	3	13	20	44
75-84	17	2	10	8	14	51
85+	2	6	4	8	10	30
Total	26	25	23	35	54	163

Footnotes:

- BWFH Operating Volume is based on time in which the OR was available, as there was limited access and the volume is not necessarily based on demand
- FY 2021 data is YTD through July

Mass General Incorporated
 Brigham and Women's Faulkner Hospital
 DoN# MGB-20121716-HE

Table 16.

Top 10 Diseases for					
	Screenings and Follow-Up Encounters	Esoophageal Disease Including GERD	Benign Neoplasm	Abdominal Pain	Other Gastrointestinal Diagnosis
FY 2017	1,849	393	1,015	122	201
55-64	975	141	421	52	84
65-74	617	146	394	44	60
75-84	238	75	172	22	43
85+	19	31	28	4	14
FY 2018	2,960	417	135	182	168
55-64	1,373	155	58	84	58
65-74	1,131	172	45	70	67
75-84	422	68	27	27	30
85+	34	22	5	1	13
FY 2019	2,976	349	37	202	155
55-64	1,326	124	11	97	58
65-74	1,170	129	14	73	46
75-84	454	73	7	29	43
85+	26	23	5	3	8

Footnote:

This table does not reflect the full use of Endoscopy service (patients with age range between 0-54 are excluded)

BWFH Endoscopy, by Age Grouping				
Gastrointestinal Hemorrhage	Diseases of the Anus/Rectum	Inflammatory Bowl Disease	Anemia	Intestinal Obstruction and Diverticular Disease
138	197	122	72	169
37	95	49	15	58
46	64	48	22	64
36	28	23	22	36
19	10	2	13	11
132	56	84	66	46
46	27	26	15	13
44	15	36	20	18
29	13	19	22	9
13	1	3	9	6
101	65	83	90	35
35	20	23	22	7
24	26	41	38	13
38	14	16	25	11
4	5	3	5	4

Total
4,278
1,927
1,505
695
151
4,246
1,855
1,618
666
107
4,093
1,723
1,574
710
86

Mass General Incorporated
Brigham and Women's Faulkner Hospital
DoN# MGB-20121716-HE

Table 18.

Radiology Volume by Ordering Specialty			
BWPO Department	FY 2017	FY 2018	FY 2019
Medicine	1,629	1,740	1,667
Orthopedic Surgery	828	1,056	933
Emergency Medicine	511	677	703
Neurology	440	495	420
Surgery	267	270	307
Anesthesiology	109	112	142
Physical Med and Rehab	129	142	138
Neurosurgery	93	118	67
Obstetrics/Gynecology	40	36	31
Psychiatry	14	11	13
Radiation Oncology	6	3	0
Dermatology	6	0	2
Radiology	3	5	1
Undefined	2,000	2,539	3,207
Total	6,075	7,204	7,631

Footnotes:

- Volume that falls under the Undefined category represents exams ordered by practitioners in the community not affiliated with a BWH/BWFH/BWPO clinic, as well as exams ordered by MGB practitioners and the broader community who are not mapped to a specialty for the purposes of this report
- Of the orders that fall into the Undefined category, 1,816 orders were made by BWFH providers who are not assigned a specialty (513 in FY 2017, 602 in FY 2018, and 701 in FY 2019)

Mass General Incorporated
Brigham and Women's Faulkner Hospital
DoN# MGB-20121716-HE

Table 19.A

Diagnosis Description	Count
Degenerative Spine and Disc Injury	458
Ungroupable	244
Headache/Migraine	158
Musculoskeletal Injury - Shoulder/Elbow/Upper Arm	144
Musculoskeletal Injury - Lower Leg/Foot/Ankle	109
Nonspecific Clinical and Laboratory Findings	79
Musculoskeletal Injury - Hand/Wrist/Forearm	78
Screenings and Follow-Up Encounters	76
Nonspecific Back and Neck Pain	73
Osteoarthritis	73
Prostate Cancer	64
Musculoskeletal Injury - Knee	59
Neurologic Disease - Other	58
Dizziness	42
Musculoskeletal Injury - Pelvis/Hip/Femur	38
Other Kidney, Bladder and Genitourinary Disease	31
Dementia and Cognitive Disorders	28
Pancreatic Disease	28
Nonspecific Musculoskeletal Pain	27
Other Endocrine Disorders	18
Other Musculoskeletal Injuries and Conditions	18
All Other	355
Total	2,258

Footnote:

- "Ungroupable" is made up primarily of imaging for Prostate related diagnoses

Mass General Incorporated
Brigham and Women's Faulkner Hospital
DoN# MGB-20121716-HE

Table 32.B.

Fiscal Year	Number of Transfers	Patients Transferred back to AMC	% of Patients Transferred Back to AMC
FY 2017	695	8	1%
FY 2018	783	37	5%
FY 2019	1,078	43	4%
FY 2020	1,296	48	4%
FY 2021	764	29	4%
Total	4,616	165	4%

Footnotes:

FY 2017 data only represents Q3 and Q4 of the fiscal year

FY 2021 data represents Q1-Q3