

MHDO Second Annual Health Care Facility Fee Report July 1, 2023 – June 30, 2024 Methodology Notes

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Introduction

[*Public Law 2023, Chapter 410, An Act to Create Greater Transparency for Facility Fees Charged by Health Care Providers and to Establish the Task Force to Evaluate the Impact of Facility Fees on Patients*](#), requires the Maine Health Data Organization (MHDO) to submit an annual report on payments for facility fees made by payors, **to the extent that payment information is already reported to the organization**, to the Office of Affordable Health Care and the Joint Standing Committee on Health Coverage, Insurance and Financial Services.

MHDO's second annual report on facility fees is a [Detailed Data Set](#) which is described below.

Data Source, Time Period, and Analytic Selection Criteria

The data source used for the development of the [Detailed Data Set](#) is the MHDO's All-Payer Claims Data (APCD), specifically the commercial medical claims for individuals under age sixty-five for the time-period July 1, 2023 – June 30, 2024. Vision, dental, retail pharmacy claims, and eligibility records were excluded. Procedure codes included in the Detailed Data Set are limited to outpatient services (office visits, behavioral health care, radiology and imaging, and other outpatient services).

MHDO's rule 90-590 [Chapter 243, Uniform Reporting System for Health Care Claims Data Sets](#), governs the requirements for data submission including the identification of the organizations required to report; establishment of requirements for the content, format, method, and time frame for filing standardized health care claims data; and the establishment of standards for the data reported.

The data elements submitted by payors aligns with the information that is populated in the standardized claims forms (UB-04 and the CMS-1500) used by hospitals and other health care providers.

The commercial claims reported to MHDO used in the development of the Detailed Data Set represent approximately 73% of commercially insured individuals. Self-funded Employee Retirement Income Security Act of 1974 (ERISA) plans are exempt from submitting data to state APCDs due to a United States Supreme Court decision released in March 2016 in *Gobeille v. Liberty Mutual Insurance Company*. However, several of the largest self-funded ERISA plans submit data to MHDO on a voluntary basis. There are a few other exclusions including health plans with less than \$2,000,000 in annual premiums are exempt from submitting data to MHDO, and the uninsured.

Data Scrubbing and Preparing Data Structures for Analyses

The claims data that is submitted to MHDO undergoes data scrubbing which is the process of fixing errors in a database by identifying and removing fully reversed claims, incomplete, incorrect, or duplicate data. This process is designed to improve the accuracy and reliability of the data. The impact of the data scrubbing and application of methodologies of the submitted data is summarized in [Appendix A](#). [Appendix B](#) contains the list of the medical claims elements that were used in the development of the Detailed Data Set.

Methodology

MHDO has applied a similar methodology in producing the information in the Detailed Data Set that exists in the MHDO's healthcare cost/payment transparency website, CompareMaine.

CompareMaine reports the median payment for over 300 health care procedures, by healthcare setting, by the top five commercial payors. However, the median estimates in CompareMaine vs the Detailed Data Set will not match as the payment information on CompareMaine provides a more comprehensive picture of the estimated payments associated with procedures that commonly occur with another procedure, whereas the Detailed Data Set reflects specific CPT codes with no other codes included. [Appendix C](#) provides more information on the differences between payment estimates on CompareMaine vs the Detailed Data Set.

Episodes of Care

An episode of care is defined as a health care claim or set of claims for a single service or procedure that occurs on a single day for a patient. Payments are assigned to health care settings based on episodes of care. If multiple health care settings are part of the same episode of care, the payment is attributed to the health care setting with the highest portion of the payment. If the payments between health care settings are equal, then the episode of care is attributed to both health care settings. Additionally, some health care settings bill under the same National Provider Identifier (NPI). As a result of these two occurrences, values in each of the tabs displayed in this report may be the same for different health care settings.

Provider Selection and Attribution

The health care settings identified in the Detailed Data Set includes 197 health care settings for select office visits, behavioral health care, radiology and imaging, and other outpatient services (Table 1).

Affiliated vs. Unaffiliated Health Care Settings

Hospitals and their physician owned practices as defined in 90-590 [Chapter 300](#) are categorized as affiliated in the Detailed Data Set; other entities listed in the Detailed Data Set are considered unaffiliated.

Health Care Setting Type

Each health care setting was categorized into one of three categories:

- Hospital - CA (Critical Access)
- Hospital (not CA)
- Non-hospital (all other health care setting types including clinics, physician practices, behavioral health treatment centers, imaging and radiology centers, etc.)

TABLE 1. MAINE HEALTH CARE SETTINGS INCLUDED IN THE DETAILED DATA SET

n	Health Care Setting	Affiliated vs. Unaffiliated	Health Care Setting Type
1	Alfond Center For Health (MaineGeneral Health)	Affiliated	Hospital
2	Arnold Memorial Medical Center	Affiliated	Non-hospital
3	Aroostook Mental Health Center	Unaffiliated	Non-hospital
4	Augusta Women's Care	Affiliated	Non-hospital
5	Be Well My Friend	Affiliated	Non-hospital
6	Belgrade Regional Health Center (HealthReach Community Health Centers)	Unaffiliated	Non-hospital
7	Berwick Walk-in Care (York Hospital)	Affiliated	Non-hospital
8	Bethel Family Health Center (HealthReach Community Health Centers)	Unaffiliated	Non-hospital
9	Bingham Area Health and Dental Center (HealthReach Community Health Centers)	Unaffiliated	Non-hospital
10	Bridgton Hospital	Affiliated	Hospital - CA
11	Bucksport Regional Health Center	Unaffiliated	Non-hospital
12	Bulldog Health Center (HealthReach Community Health Centers)	Unaffiliated	Non-hospital
13	CCS B-Street Health Center	Affiliated	Non-hospital
14	Calais Community Hospital	Affiliated	Hospital - CA
15	Calais Community Hospital - Family Medicine	Affiliated	Hospital - CA
16	Cary Medical Center	Affiliated	Hospital
17	Central Maine Medical Center	Affiliated	Hospital
18	Coastal Orthopedics & Sports Medicine	Unaffiliated	Non-hospital
19	Coastal Women's Healthcare	Unaffiliated	Non-hospital
20	Community Health and Counseling Services - Bangor	Unaffiliated	Non-hospital
21	Concentra Urgent Care - Augusta	Unaffiliated	Non-hospital
22	Concentra Urgent Care - Bangor	Unaffiliated	Non-hospital
23	Concentra Urgent Care - Brunswick	Unaffiliated	Non-hospital
24	Concentra Urgent Care - Lewiston	Unaffiliated	Non-hospital
25	Concentra Urgent Care - Oxford	Unaffiliated	Non-hospital
26	Concentra Urgent Care - Scarborough	Unaffiliated	Non-hospital
27	Concentra Urgent Care - South Portland	Unaffiliated	Non-hospital
28	Convenient MD - Portland	Unaffiliated	Non-hospital
29	Convenient MD Urgent Care - Bangor	Unaffiliated	Non-hospital
30	Convenient MD Urgent Care - Brunswick	Unaffiliated	Non-hospital
31	Convenient MD Urgent Care - Saco	Unaffiliated	Non-hospital
32	Convenient MD Urgent Care - Westbrook	Unaffiliated	Non-hospital
33	Cornerstone Behavioral Healthcare - Bangor	Unaffiliated	Non-hospital
34	Crossroads Counseling Center	Unaffiliated	Non-hospital
35	DFD Russell Medical Center Inc. - Leeds	Unaffiliated	Non-hospital
36	Day One - Biddeford	Unaffiliated	Non-hospital
37	Day One - Windham	Unaffiliated	Non-hospital

n	Health Care Setting	Affiliated vs. Unaffiliated	Health Care Setting Type
38	Down East Community Hospital	Affiliated	Hospital - CA
39	Elsomore Dixfield Family Medicine (Central Maine Healthcare)	Affiliated	Non-hospital
40	Family Focused Healthcare	Unaffiliated	Non-hospital
41	Franklin Health Farmington Family Practice	Affiliated	Non-hospital
42	Freeport Medical Center	Unaffiliated	Non-hospital
43	Greater Portland Health - 180 Park Avenue	Unaffiliated	Non-hospital
44	Greater Portland Health - Riverton Park	Unaffiliated	Non-hospital
45	Hallowell Family Practice	Affiliated	Non-hospital
46	Health Access Network - Lincoln	Unaffiliated	Non-hospital
47	Health Affiliates Maine	Unaffiliated	Non-hospital
48	Health Psych Maine	Affiliated	Non-hospital
49	Houlton Regional Hospital	Affiliated	Hospital - CA
50	Intermed - Portland	Unaffiliated	Non-hospital
51	Intermed - South Portland, 100 Foden Road	Unaffiliated	Non-hospital
52	Intermed - South Portland, 50 Foden Road	Unaffiliated	Non-hospital
53	Intermed - Yarmouth	Unaffiliated	Non-hospital
54	Islands Community Medical Services	Unaffiliated	Non-hospital
55	Katahdin Valley Health Center - Houlton Clinic	Unaffiliated	Non-hospital
56	Katahdin Valley Health Center - Patten Clinic	Unaffiliated	Non-hospital
57	Kennebec Behavioral Health - Waterville Clinic	Unaffiliated	Non-hospital
58	Kennebec Medical Consultants	Affiliated	Non-hospital
59	Life by Design, PA - Houlton	Unaffiliated	Non-hospital
60	Lifespan Family Healthcare	Unaffiliated	Non-hospital
61	LincolnHealth - St. Andrews Campus	Affiliated	Hospital - CA
62	Lovejoy Health Center (Healthreach Community Health Centers)	Unaffiliated	Non-hospital
63	Mabel Wadsworth Center	Unaffiliated	Non-hospital
64	Madison Area Health Center (HealthReach Community Health Centers)	Unaffiliated	Non-hospital
65	Maine Children's Cancer Program (MaineHealth Maine Medical Center)	Affiliated	Non-hospital
66	MaineGeneral Outpatient Psychiatry - Seton Center	Affiliated	Non-hospital
67	MaineHealth Behavioral Health - Lancaster St - Portland	Affiliated	Non-hospital
68	MaineHealth Behavioral Health at Spring Harbor	Affiliated	Non-hospital
69	MaineHealth Cardiology - Scarborough (MaineHealth Maine Medical Center)	Affiliated	Non-hospital
70	MaineHealth Cardiovascular Surgery - Portland (MaineHealth Maine Medical Center)	Affiliated	Non-hospital
71	MaineHealth Ear, Nose, and Throat Care - Biddeford (MaineHealth Maine Medical Center)	Affiliated	Non-hospital
72	MaineHealth Endocrinology and Diabetes - Scarborough (MaineHealth Maine Medical Center)	Affiliated	Non-hospital
73	MaineHealth Franklin Hospital	Affiliated	Hospital - CA
74	MaineHealth Hospital Medicine - Portland (MaineHealth Maine Medical Center)	Affiliated	Non-hospital

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n	Health Care Setting	Affiliated vs. Unaffiliated	Health Care Setting Type
75	MaineHealth Maine Medical Center Biddeford	Affiliated	Hospital
76	MaineHealth Maine Medical Center Portland	Affiliated	Hospital
77	MaineHealth Maine Medical Center Portland Barbara Bush Childrens Hospital Pediatric Intensive Care Unit	Affiliated	Non-hospital
78	MaineHealth Maternal-Fetal Medicine - Portland (MaineHealth Maine Medical Center)	Affiliated	Non-hospital
79	MaineHealth Mid Coast Hospital	Affiliated	Hospital
80	MaineHealth Neurology - Scarborough (MaineHealth Maine Medical Center)	Affiliated	Non-hospital
81	MaineHealth Neurosurgery - Scarborough (MaineHealth Maine Medical Center)	Affiliated	Non-hospital
82	MaineHealth Obstetrics and Gynecology - Portland (Maine Medical Center)	Affiliated	Non-hospital
83	MaineHealth Orthopedics and Sports Medicine - Falmouth (MaineHealth Maine Medical Center)	Affiliated	Non-hospital
84	MaineHealth Pediatric Specialty Care - Portland (MaineHealth Maine Medical Center)	Affiliated	Non-hospital
85	MaineHealth Pediatrics - Falmouth (Maine Medical Center)	Affiliated	Non-hospital
86	MaineHealth Pediatrics - Norway (MaineHealth Stephens Hospital)	Affiliated	Non-hospital
87	MaineHealth Pediatrics - Scammon Street - Saco (Maine Medical Center)	Affiliated	Non-hospital
88	MaineHealth Pen Bay Hospital	Affiliated	Hospital
89	MaineHealth Primary Care - Boothbay Harbor (MaineHealth Lincoln Hospital)	Affiliated	Non-hospital
90	MaineHealth Primary Care - Damariscotta (MaineHealth Lincoln Hospital)	Affiliated	Non-hospital
91	MaineHealth Primary Care - Family Medicine - Brooks (MaineHealth Waldo Hospital)	Affiliated	Non-hospital
92	MaineHealth Primary Care - Family Medicine - Livermore Falls	Affiliated	Non-hospital
93	MaineHealth Primary Care - Family Medicine - Portland (MaineHealth Maine Medical Center)	Affiliated	Non-hospital
94	MaineHealth Primary Care - Family Medicine - Scarborough (MaineHealth Maine Medical Center)	Affiliated	Non-hospital
95	MaineHealth Primary Care - Family Medicine - Stockton Springs	Affiliated	Non-hospital
96	MaineHealth Primary Care - Family Medicine - Westbrook (MaineHealth Maine Medical Center)	Affiliated	Non-hospital
97	MaineHealth Primary Care - Internal Medicine - Cape Elizabeth (MaineHealth Maine Medical Center)	Affiliated	Non-hospital
98	MaineHealth Primary Care - Internal Medicine and Pediatrics - Windham (MaineHealth Maine Medical Center)	Affiliated	Non-hospital
99	MaineHealth Primary Care - Waldoboro (MaineHealth Lincoln Hospital)	Affiliated	Non-hospital
100	MaineHealth Primary Care - Wiscasset (MaineHealth Lincoln Hospital)	Affiliated	Non-hospital
101	MaineHealth Stephens Hospital	Affiliated	Hospital - CA
102	MaineHealth Surgical Care - Pediatrics - Portland (MaineHealth Maine Medical Center)	Affiliated	Non-hospital
103	MaineHealth Surgical Care - Portland, Suite 400 (MaineHealth Maine Medical Center)	Affiliated	Non-hospital
104	MaineHealth Urology - South Portland (MaineHealth Maine Medical Center)	Affiliated	Non-hospital
105	MaineHealth Waldo Hospital	Affiliated	Hospital - CA
106	MaineHealth Walk-In Care - East Waterboro (MaineHealth Maine Medical Center)	Affiliated	Non-hospital
107	MaineHealth Walk-In Care - Kennebunk (MaineHealth Maine Medical Center)	Affiliated	Non-hospital

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n	Health Care Setting	Affiliated vs. Unaffiliated	Health Care Setting Type
108	MaineHealth Walk-In Care - Saco (MaineHealth Maine Medical Center)	Affiliated	Non-hospital
109	MaineHealth Walk-In Care - Sanford (MaineHealth Maine Medical Center)	Affiliated	Non-hospital
110	MaineOrtho	Unaffiliated	Non-hospital
111	Martin's Point Health Care Center - Biddeford	Unaffiliated	Non-hospital
112	Martin's Point Health Care Center - Brunswick	Unaffiliated	Non-hospital
113	Martin's Point Health Care Center - Gorham	Unaffiliated	Non-hospital
114	Martin's Point Health Care Center - Portland	Unaffiliated	Non-hospital
115	Martin's Point Health Care Center - Scarborough	Unaffiliated	Non-hospital
116	McGeachey Hall Mental Health Center (Maine Medical Center)	Affiliated	Non-hospital
117	Medomak Family Medicine	Unaffiliated	Non-hospital
118	Milbridge Medical Center (Down East Community Hospital)	Affiliated	Non-hospital
119	Millinocket Regional Hospital	Affiliated	Hospital - CA
120	Mount Desert Island Hospital	Affiliated	Hospital - CA
121	Mt. Abram Health Center (HealthReach Community Health Centers)	Unaffiliated	Non-hospital
122	Naples Physical Therapy (Central Maine Healthcare)	Unaffiliated	Non-hospital
123	Nasson Health Care	Unaffiliated	Non-hospital
124	New England Cancer Specialists - Clinic & Imaging Center	Unaffiliated	Non-hospital
125	New England Cancer Specialists - Kennebunk	Unaffiliated	Non-hospital
126	New England Cancer Specialists - Scarborough	Unaffiliated	Non-hospital
127	New England Cancer Specialists - Topsham	Unaffiliated	Non-hospital
128	New England Rehabilitation Hospital of Portland	Affiliated	Non-hospital
129	Northern Light A.R. Gould Hospital	Affiliated	Hospital
130	Northern Light Acadia Hospital	Affiliated	Hospital
131	Northern Light Blue Hill Hospital	Affiliated	Hospital - CA
132	Northern Light Charles A. Dean Hospital	Affiliated	Hospital - CA
133	Northern Light Eastern Maine Medical Center	Affiliated	Hospital
134	Northern Light Inland Hospital	Affiliated	Hospital
135	Northern Light Maine Coast Hospital	Affiliated	Hospital
136	Northern Light Mayo Hospital	Affiliated	Hospital - CA
137	Northern Light Mercy Hospital	Affiliated	Hospital
138	Northern Light Primary Care - Corinth (Northern Light Mayo Hospital)	Affiliated	Non-hospital
139	Northern Light Primary Care - Dover-Foxcroft	Affiliated	Non-hospital
140	Northern Light Primary Care - Greenville	Affiliated	Non-hospital
141	Northern Light Primary Care - Madison	Affiliated	Non-hospital
142	Northern Light Primary Care - Newport Plaza	Affiliated	Non-hospital
143	Northern Light Primary Care - Pittsfield	Affiliated	Non-hospital
144	Northern Light Primary Care - Unity	Affiliated	Non-hospital

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n	Health Care Setting	Affiliated vs. Unaffiliated	Health Care Setting Type
145	Northern Light Sebasticook Valley Hospital	Affiliated	Hospital - CA
146	Northern Maine Medical Center	Affiliated	Hospital
147	Northern Maine Medical Center - Acadia Family Health Center	Affiliated	Non-hospital
148	Northern Maine Medical Center - Medical Office Building	Affiliated	Non-hospital
149	Pediatric Associates of Lewiston	Unaffiliated	Non-hospital
150	Penobscot Community Health Care - Helen Hunt Health Center	Unaffiliated	Non-hospital
151	Penobscot Valley Dermatology	Unaffiliated	Non-hospital
152	Penobscot Valley Hospital	Affiliated	Hospital - CA
153	Penobscot Valley Primary Care (Penobscot Valley Hospital)	Affiliated	Non-hospital
154	Pines Health Services - Caribou Health Center	Unaffiliated	Non-hospital
155	Pines Health Services - Presque Isle Family Health Center	Unaffiliated	Non-hospital
156	Pines Health Services - Women's and Children's Health Center	Unaffiliated	Non-hospital
157	Portland Foot and Ankle	Unaffiliated	Non-hospital
158	Portland Gastroenterology Center	Unaffiliated	Non-hospital
159	Portland West Family Practice	Unaffiliated	Non-hospital
160	RAYUS Radiology - Bangor	Unaffiliated	Non-hospital
161	RAYUS Radiology - Scarborough	Unaffiliated	Non-hospital
162	RAYUS Radiology MMI - Belfast	Unaffiliated	Non-hospital
163	RAYUS Radiology MMI - Biddeford	Unaffiliated	Non-hospital
164	RAYUS Radiology MMI - Brunswick	Unaffiliated	Non-hospital
165	RAYUS Radiology MMI - Lewiston	Unaffiliated	Non-hospital
166	Rangeley Family Medicine (HealthReach Community Health Centers)	Unaffiliated	Non-hospital
167	Redington-Fairview General Hospital	Affiliated	Hospital - CA
168	Regional Medical Center at Lubec, East Machias	Unaffiliated	Non-hospital
169	Regional Medical Center at Lubec, Lubec	Unaffiliated	Non-hospital
170	Richmond Area Health Center (HealthReach Community Health Centers)	Unaffiliated	Non-hospital
171	Rowland B. French Medical Center Vogl Behavioral Health Center (Eastport Health Care, Inc.)	Unaffiliated	Non-hospital
172	Rumford Hospital (Central Maine Healthcare)	Affiliated	Hospital - CA
173	Sacopee Valley Health Center	Unaffiliated	Non-hospital
174	Sheepscot Valley Health Center (HealthReach Community Health Centers)	Unaffiliated	Non-hospital
175	Sigrid E Tompkins Health Center (Houlton Regional Hospital)	Affiliated	Non-hospital
176	Spectrum Orthopaedics Brunswick	Unaffiliated	Non-hospital
177	Spectrum Orthopaedics Portland	Unaffiliated	Non-hospital
178	Spectrum Orthopaedics Windham	Unaffiliated	Non-hospital
179	Spectrum Physical Therapy Center Portland	Unaffiliated	Non-hospital
180	Spurwink Corporation	Unaffiliated	Non-hospital
181	St. Croix Regional Family Health Center	Unaffiliated	Non-hospital

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n	Health Care Setting	Affiliated vs. Unaffiliated	Health Care Setting Type
182	St. Joseph Hospital	Affiliated	Hospital
183	St. Mary's Regional Medical Center	Affiliated	Hospital
184	Strong Area Health and Dental Center (HealthReach Community Health Centers)	Unaffiliated	Non-hospital
185	Sweetser	Unaffiliated	Non-hospital
186	Swift River Family Medicine (Central Maine Healthcare)	Affiliated	Non-hospital
187	The Plastic + Hand Surgery Center	Unaffiliated	Non-hospital
188	Tri County Mental Health	Unaffiliated	Non-hospital
189	Turner Physical Therapy Services (Central Maine Healthcare)	Affiliated	Non-hospital
190	Waterboro Village Pediatrics	Unaffiliated	Non-hospital
191	Waterville Family Practice	Affiliated	Non-hospital
192	Waterville Pediatrics (MaineGeneral Health)	Affiliated	Non-hospital
193	Waterville Women's Care	Affiliated	Non-hospital
194	Wells Family Practice	Unaffiliated	Non-hospital
195	Western Maine Family Health Center (HealthReach Community Health Centers)	Unaffiliated	Non-hospital
196	Western Maine Family Medicine (Stephens Memorial Hospital)	Affiliated	Non-hospital
197	York Hospital	Affiliated	Hospital

CPT Code Category

The information in the Detailed Data Set is limited to select Current Procedural Terminology (CPT®) codes for office visits, behavioral health care, radiology and imaging, and other outpatient services (Table 2). CPT codes provide a uniform nomenclature for coding medical procedures and services.

TABLE 2. SERVICES AND PROCEDURES INCLUDED IN THE DETAILED DATA SET

Tab	Category	CPT Code	CPT Code Description
OFFVIS	Office Visits	99202	New patient for low to moderate problems
OFFVIS	Office Visits	99203	New patient for moderate problems
OFFVIS	Office Visits	99204	New patient for moderate to severe problems
OFFVIS	Office Visits	99205	New patient for moderate to severe problems requiring longer visit
OFFVIS	Office Visits	99211	Established patient for minimal problems
OFFVIS	Office Visits	99212	Established patient for limited to minor problems
OFFVIS	Office Visits	99213	Established patient for low to moderate problems
OFFVIS	Office Visits	99214	Established patient for moderate to severe problems
OFFVIS	Office Visits	99215	Established patient for moderate to severe problems requiring longer visit
OFFVIS	Office Visits	99381	New patient preventive care for infant
OFFVIS	Office Visits	99382	New patient preventive care for early childhood
OFFVIS	Office Visits	99383	New patient preventive care for late childhood
OFFVIS	Office Visits	99384	New patient preventive care for adolescent
OFFVIS	Office Visits	99385	New patient preventive care for adult age < 40
OFFVIS	Office Visits	99386	New patient preventive care for adult age < 65
OFFVIS	Office Visits	99391	Established patient preventive care for infant
OFFVIS	Office Visits	99392	Established patient preventive care for early childhood
OFFVIS	Office Visits	99393	Established patient preventive care for late childhood

Tab	Category	CPT Code	CPT Code Description
OFFVIS	Office Visits	99394	Established patient preventive care for adolescent
OFFVIS	Office Visits	99395	Established patient preventive care for adult age < 40
OFFVIS	Office Visits	99396	Established patient preventive care for adult age < 65
OFFVIS	Office Visits	99441	Physician telephone patient service, 5 to 10 minutes of medical discussion
OFFVIS	Office Visits	99442	Physician telephone patient service, 11 to 20 minutes of medical discussion
OFFVIS	Office Visits	99443	Physician telephone patient service, 21 to 30 minutes of medical discussion
BH	Behavioral Health Care	90791	Psychiatric diagnostic evaluation
BH	Behavioral Health Care	90792	Psychiatric diagnostic evaluation with medical services
BH	Behavioral Health Care	90832	Psychotherapy, 30 minutes with patient and/or family member
BH	Behavioral Health Care	90834	Psychotherapy, 45 minutes with patient and/or family member
BH	Behavioral Health Care	90836	Psychotherapy, 45 minutes with patient and/or family member when performed with an evaluation and management service
BH	Behavioral Health Care	90837	Psychotherapy, 60 minutes with patient and/or family member
BH	Behavioral Health Care	90839	Psychotherapy for crisis; first 60 minutes
BH	Behavioral Health Care	90840	Psychotherapy for crisis; each additional 30 minutes
BH	Behavioral Health Care	90846	Family psychotherapy not including patient
BH	Behavioral Health Care	90847	Family psychotherapy including patient
BH	Behavioral Health Care	90849	Multiple-family group psychotherapy
BH	Behavioral Health Care	90853	Group psychotherapy
BH	Behavioral Health Care	90870	Shock treatment and monitoring
BH	Behavioral Health Care	96156	Health and behavior assessment
BH	Behavioral Health Care	96158	Health and behavior intervention
RAD	Radiology and Imaging	70450	CT of head without contrast material
RAD	Radiology and Imaging	70486	CT of maxillofacial area without contrast material
RAD	Radiology and Imaging	70491	CT scan of neck, with contrast
RAD	Radiology and Imaging	70496	CT scan of blood vessel of head, with contrast
RAD	Radiology and Imaging	70551	MRI of brain without contrast material
RAD	Radiology and Imaging	70553	MRI of brain with and without contrast material
RAD	Radiology and Imaging	71045	X-ray of chest, 1 view
RAD	Radiology and Imaging	71046	X-ray of chest; 2 views
RAD	Radiology and Imaging	71250	CT of thorax (chest) without contrast material
RAD	Radiology and Imaging	71260	CT of thorax (chest) with contrast material
RAD	Radiology and Imaging	71275	CT scan of blood vessels in chest, with contrast
RAD	Radiology and Imaging	72040	X-ray of spine of neck, 2 or 3 views
RAD	Radiology and Imaging	72070	X-ray of middle spine, 2 views
RAD	Radiology and Imaging	72082	X-ray of spine, entire
RAD	Radiology and Imaging	72100	X-ray of spine, lumbosacral; 2 or 3 views
RAD	Radiology and Imaging	72110	X-ray of lower back, minimum of 4 views
RAD	Radiology and Imaging	72141	MRI of cervical spine without contrast material
RAD	Radiology and Imaging	72148	MRI of lumbar spine without contrast material
RAD	Radiology and Imaging	72158	MRI scan of lower spinal canal, before and after contrast
RAD	Radiology and Imaging	72170	X-ray of pelvis, 1 or 2 views
RAD	Radiology and Imaging	72192	CT of pelvis without contrast material
RAD	Radiology and Imaging	72193	CT of pelvis with contrast material
RAD	Radiology and Imaging	72195	MRI of pelvis without contrast material
RAD	Radiology and Imaging	72197	MRI scan of pelvis, with and without contrast
RAD	Radiology and Imaging	73030	X-ray of shoulder
RAD	Radiology and Imaging	73110	X-ray of wrist; complete, minimum of three views
RAD	Radiology and Imaging	73120	X-ray of hand
RAD	Radiology and Imaging	73130	X-ray of hand, minimum of 3 views
RAD	Radiology and Imaging	73140	X-ray of fingers, minimum of 2 views

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RAD	Radiology and Imaging	73221	MRI of joint upper extremity without contrast material
RAD	Radiology and Imaging	73502	X-ray of hip with pelvis, 2 or 3 views
RAD	Radiology and Imaging	73560	X-ray of knee, 1 or 2 views
RAD	Radiology and Imaging	73562	X-ray of knee; minimum of 3 views
RAD	Radiology and Imaging	73564	X-ray of knee, 4 or more views
RAD	Radiology and Imaging	73590	X-ray of lower leg, 2 views
RAD	Radiology and Imaging	73600	X-ray of ankle, 2 views
RAD	Radiology and Imaging	73610	X-ray of ankle
RAD	Radiology and Imaging	73620	X-ray of foot; 2 views
RAD	Radiology and Imaging	73630	X-ray of foot
RAD	Radiology and Imaging	73721	MRI of joint lower extremity without contrast material
RAD	Radiology and Imaging	74018	X-ray of abdomen, 1 view
RAD	Radiology and Imaging	74150	CT of abdomen without contrast material
RAD	Radiology and Imaging	74160	CT of abdomen with contrast material
RAD	Radiology and Imaging	74170	CT of abdomen with and without contrast material
RAD	Radiology and Imaging	74176	CT of pelvis & abdomen without contrast material
RAD	Radiology and Imaging	74177	CT of pelvis & abdomen with contrast material
RAD	Radiology and Imaging	74178	CT of pelvis & abdomen with and without contrast material
RAD	Radiology and Imaging	74183	MRI scan of abdomen, with and without contrast
RAD	Radiology and Imaging	76536	Ultrasound of head and neck
RAD	Radiology and Imaging	76642	Ultrasound of single breast
RAD	Radiology and Imaging	76700	Ultrasound of abdomen; Complete
RAD	Radiology and Imaging	76705	Ultrasound of abdomen; Limited
RAD	Radiology and Imaging	76770	Ultrasound behind abdominal cavity
RAD	Radiology and Imaging	76856	Ultrasound of pelvis
RAD	Radiology and Imaging	77047	MRI scan of both breasts, without contrast
RAD	Radiology and Imaging	77049	MRI scan of both breasts, without and with contrast
RAD	Radiology and Imaging	77065	Diagnostic mammogram, including computer-aided detection single breast
RAD	Radiology and Imaging	77066	Diagnostic mammogram, including computer-aided detection, both breasts
RAD	Radiology and Imaging	77067	Screening mammogram, including computer-aided detection, both breasts
RAD	Radiology and Imaging	77080	Dual-energy Xray absorptiometry (DXA) bone density study, 1 or more sites; axial skeleton (hips, pelvis, spine)
RAD	Radiology and Imaging	77081	Dual-energy Xray absorptiometry (DXA) bone density study, 1 or more sites; appendicular skeleton (peripheral) (radius, wrist, heel)
RAD	Radiology and Imaging	78306	Bone Imaging, Whole Body
RAD	Radiology and Imaging	78452	Nuclear medicine study of vessels of heart using drugs or exercise, multiple studies
RAD	Radiology and Imaging	78815	PET with concurrently acquired CT of skull base to mid-thigh
Other OP	Other Outpatient Services	45378	Colonoscopy without biopsy for encounter for preventive health services
Other OP	Other Outpatient Services	45380	Colonoscopy with biopsy for benign neoplasm
Other OP	Other Outpatient Services	45385	Colonoscopy with removal of polyps or growths using an endoscope
Other OP	Other Outpatient Services	92507	Treatment of speech, language, voice, communication, and/or hearing processing disorder
Other OP	Other Outpatient Services	93971	Ultrasound of veins in arm or leg
Other OP	Other Outpatient Services	96110	Developmental screening

Payors

The Detailed Data Set represents 16 commercial payors (Table 3). Data displayed in an “All Payors” category represents a total of all 16 commercial payors.

Data are also displayed for the top five payors in Maine, as defined by volume of payments and are the following:

- Aetna (which includes Aetna Health Inc. and Aetna Life Insurance Company),
- Anthem (which includes Anthem Health Plans of Maine, Inc. and Anthem Insurance Companies, Inc.),
- CIGNA (which includes CIGNA Health & Life Insurance Company),
- Community Health Options, and
- Harvard Pilgrim (which includes HPHC Insurance Company Inc and Harvard Pilgrim Health Care Inc).

These payors represent approximately 91% of the claims data that is used to generate the data used in this analysis.

TABLE 3. PAYORS INCLUDED IN THE DETAILED DATA SET

n	Payor
1	Aetna Health Inc.
2	Aetna Life Insurance Company
3	Anthem Health Plans of Maine, Inc.
4	Anthem Insurance Companies, Inc.
5	CIGNA Health & Life Insurance Company
6	Chesterfield Resources, Inc
7	Gordon Group Investments
8	HPHC Insurance Company Inc
9	Harvard Pilgrim Health Care Inc
10	Health Plans Inc
11	Community Health Options
12	Meritain Health Inc
13	USABLE Mutual Insurance Company
14	UniCare Life & Health Insurance Company
15	United HealthCare Services, Inc.
16	United Healthcare Insurance Company

CMS-1500 vs UB-04 Claim Designation

MHDO’s rule 90-590 [Chapter 243, Uniform Reporting System for Health Care Claims Data Sets](#), maps each required data element to the UB-04 Form Locator and CMS-1500 (page 59 in Chapter 243). This mapping identifies specific data elements unique to the UB-04 and CMS-1500, which are used to identify which claim form a bill was invoiced on.

A claim that is generated on a UB-04 form is identified based on the presence of a populated MC036_BILLTYPE (Type of Bill) and/or MC054_REV (Revenue Code) field, as these fields do not exist on a CMS-1500 claim form. The presence of MC037_FACTYPE (Place of Service – Professional) indicates a CMS-1500 claim form was used. If a claim is billed globally for a health care setting/payor combination, it is displayed as a UB-04 claim. If all elements are present

(MC036_BILLTYPE, MC054_REV, and MC037_FACTYPE), this indicates both claim forms were used. When a patient receives multiple bills related to the same service that are generated by both a UB-04 and CMS-1500, this is referred to as “split billing”.

Based on the above assumptions, service lines were classified as follows in the Detailed Data Set:

- **UB-04 (Institutional)** – If MC036_BILLTYPE (Type of Bill) and/or MC054_REV (Revenue Code) was present on the health care claim and MC037_FACTYPE (Place of Service – Professional) was missing on the health care claim, the service line of the episode of care was designated as originating from a UB-04 (institutional) claim.
- **CMS-1500 (Noninstitutional)** – If MC036_BILLTYPE (Type of Bill) and MC054_REV (Revenue Code) were missing on the health care claim and MC037_FACTYPE (Place of Service – Professional) was present on the health care claim, then the service line was designated as originating from a CMS-1500 (professional) claim.
- Claims that did not have a value for MC036_BILLTYPE, MC037_FACTYPE, or MC054_REV were excluded from the Detailed Data Set.

Display

Data are displayed in six tabs in the Detailed Data Set Excel workbook:

- **Summary tab** – This tab identifies the specific procedure (CPT Code), affiliation, health care setting, and payor. For each CPT Code, health care setting, and payor combination, the number of episodes, the sum of total payments, the percentage of total payments that are paid on a CMS-1500 claim form (professional) vs. a UB-04 claims form (institutional), and the median payment for the total episodes of care are displayed. Note that blank cells indicate there were no episodes for the given CPT Code, affiliated vs. unaffiliated, health care setting type, and payor combination.
- **OFFVIS, BH, RAD, and Other OP tabs** – There is a tab for each CPT Code Category (Office Visits [OFFVIS], Behavioral Health Care [BH], Radiology and Imaging [RAD], and Other Outpatient Services [Other OP]). In each of these tabs, for each CPT Code, health care setting, health care setting categorization, and payor combination, the number of episodes, the sum of total payments, the percentage of total payments that are professional (CMS-1500) vs. institutional (UB-04), and the median total payment for the episode of care are displayed. Note that blank cells indicate there were no episodes for the given health care setting and payor combination.
- **Split Billing tab** – This tab identifies the office visit procedure (CPT code) and the number of episodes where both a UB-04 and CMS-1500 were submitted for payment for the same service.

Report Measures

This section describes the measures utilized in the Detailed Data Set.

Number of Episodes

The number of episodes at the health care setting that the payment data in the Detailed Data Set is based on. Data related to cell sizes of less than 5 have been suppressed and are indicated by an “(s)”.

Sum of Total Payments

This represents the sum of the total amount paid across claim forms across episodes. The total amount paid per episode was calculated by summing MC063_TPAY (Paid Amount), MC065_COPAY (Copay Amount), MC066_COINS (Coinsurance Amount), and MC067_DED (Deductible Amount) for each episode. Then, the total amounts paid across episodes were summed together.

Percent Payment CMS-1500

This percentage represents the proportion of the total amount paid across episodes that originated from a CMS-1500. This percentage was calculated by taking the sum of the total amount paid across episodes from a CMS-1500 only and dividing by the overall sum of the total payments.

Percent Payment UB-04

This percentage represents the proportion of the total amount paid across episodes that originated from a UB-04. This percentage was calculated by taking the sum of the total amount paid across episodes from a UB-04 only and dividing by the overall sum of the total payments.

Median Payment

This represents the median total amount paid across episodes. To calculate the median, the total amount paid per episode was calculated by summing MC063_TPAY (Paid Amount), MC065_COPAY (Copay Amount), MC066_COINS (Coinsurance Amount), and MC067_DED (Deductible Amount) for each episode. Then, the total amount paid for each episode was sorted from lowest to highest value; the middle value across episodes is the median. The median is displayed rather than the mean because it is less likely to be influenced by extreme values.

Example:

- There are 50 episodes of CPT Code 99212 at XYZ Hospital
- The median amount paid across the 50 episodes is **\$53.96**.
- The total amount paid on the **CMS-1500** across the 50 episodes is \$2,385.42.
- The total amount paid on the **UB-04** across the 50 episodes is \$392.49.
- The total amount paid across the 50 episodes and across claim forms is the sum of \$2,385.42 and \$392.49, which is \$2,777.91.
- The percentage of the total amount paid across the 50 episodes from a **CMS-1500** is $\$2,385.42 / \$2,777.91 = \mathbf{85.87\%}$.
- The percentage of the total amount paid across the 50 episodes from a **UB-04** is $\$392.49 / \$2,777.91 = \mathbf{14.13\%}$.

Appendices

Appendix A: MHDO Data Intake and Processing

The MHDO APCD is submitted to MHDO per the requirements in 90-590 [Chapter 243, Uniform Reporting System for Health Care Claims Data Sets](#). The claims data that is submitted to MHDO undergoes data scrubbing which is the process of fixing errors in a database by identifying and removing incomplete, incorrect, or duplicate data. It also involves standardizing formats and updating outdated information. This process is designed to improve the accuracy and reliability of the data.

After passing the data intake validations, data are ingested in the MHDO Data Warehouse, processed and enhanced with value-add fields and then undergo another set of internal quality checks. The table below outlines the steps in this process.

TABLE A.1. MHDO APCD DATA PROCESSING STEPS IN THE DATA WAREHOUSE

Step	Task	Description
1	Receive Raw Data Files	Once the raw data are received from the source, the data are loaded into the MHDO Data Warehouse.
2	Enhance Data	Process the data files by running queries and batch jobs to load the data into the appropriate file formats and bring the files into output tables. Specifications for enhancements are documented in the Business Rules.
3	Conduct Internal Quality Control (QC)	Execute QC based on data set. This may include: Running variable checks to ensure key variables are used in analysis; checking output tables to ensure the correct relationships are established and information is appearing correctly; comparing current estimates to previous estimates; performing outlier analysis; reviewing data for new procedure or methodological changes; reviewing any open issues identified in past processing iterations. Document progress and results as needed.
4	Investigate and Resolve Issues	Investigate and resolve critical issues identified during the internal QC process.
5	Rerun Data (if necessary)	If data issues are identified, rerun the data and conduct internal QC.
7	Investigate and Resolve Issues	Investigate and resolve critical issues identified during the external QC process, as discussed with the MHDO Compliance Officer and Executive Director.
8	Accept or Reject Data	MHDO accepts or rejects the data deliverable based on the testing results. When accepted, the data is released.
9	Metadata and Release Documentation	Metadata and associated release documentation is updated with changes or data quality concerns and released with data.

Appendix B: MHDO APCD Data Elements Used in the Analysis

This appendix includes a list of MHDO APCD data elements used for this analysis (Table B.1).

TABLE B.1. MHDO APCD MEDICAL CLAIMS

Data Element	Data Element Name - MHDO APCD Medical Claims	Transformation Type
MC001_SUBMITTER	MHDO Submitter ID	As Submitted
MC002_PAYER	MHDO Payer ID	As Submitted
MC004_CLAIM	Payor Claim Control Number	As Submitted
MC005_LINE	Line Counter	As Submitted
MC013_DOB	Member Date of Birth	Derived
MC017_PDATE	Date Service Approved (AP Date)	As Submitted
MC018_ADMDAT	Admission Date	As Submitted
MC024_PRV	Rendering Provider Number	As Submitted
MC036_BILLTYPE	Type of Bill - Institutional	As Submitted
MC037_FACTYPE	Place of Service - Professional	As Submitted
MC038_STATUS	Claim Status	As Submitted
MC054_REV	Revenue Code	As Submitted
MC055_CPT	Procedure Code	As Submitted
MC056_MOD1	Procedure Modifier 1	As Submitted
MC057_MOD2	Procedure Modifier 2	As Submitted
MC059_FDATE	Date of Service From	As Submitted
MC060_LDATE	Date of Service through	As Submitted
MC061_QTY	Quantity	As Submitted
MC062_CHG	Charged Amount	As Submitted
MC063_TPAY	Paid Amount	As Submitted
MC064_PREPAID	Prepaid Amount	As Submitted
MC065_COPAY	Copay Amount	As Submitted
MC066_COINS	Coinsurance Amount	As Submitted
MC067_DED	Deductible Amount	As Submitted
MC068_PATCON	Patient Account/Control Number	As Submitted
MC076_BILLPROVIDN	Billing Provider Number	Derived
MC077_NPI	National Provider ID - Billing Provider	As Submitted
MC078_PRVLNAME	Billing Provider Last Name or Organization Name	As Submitted
MC902_IDN	Record ID#	Derived
MC907_MHDO_CLAIM	MHDO assigned replacement for payor's claim ID	Derived
MC911_MHDO_MEMBERID	MHDO assigned Member ID	Derived
MC950_SERVICING_NPI	National Provider Identifier	Derived

Appendix C: Methodology Differences with the CompareMaine Cost Estimates

The Median Payment in the Detailed Data Set is not the same median cost estimates on CompareMaine, because:

1. Additional processing is undertaken for CompareMaine analysis that results in further episodes being filtered out of the dataset. This means that the final dataset used in this report contains more episodes of care than the final dataset used for CompareMaine.
2. For some procedures, the cost of the service or procedure on CompareMaine includes costs associated with more than just the specified CPT code. For example, for CT scans that include contrast, the payment estimate on CompareMaine includes the fees for taking the image, interpreting the image, and the contrast. For colonoscopies, the payment estimate on CompareMaine includes all services related to the outpatient procedure on the day of the surgery, such as administered medications, medical and surgical supplies, pathology, and surgeon fees. Therefore, the median payment displayed for procedures in the Detailed Data Set is not comparable to the median payment displayed for procedures on CompareMaine, as the payment on CompareMaine is meant to provide a more complete picture of the total expenses a consumer can expect to incur, rather than just the fee for the specified CPT code alone.
3. CompareMaine uses a different facility vs. professional component definition than what is used in the development of the Detailed Data Set. On CompareMaine, the total payment is displayed and broken down into two components, the facility/technical component and the professional component. The facility/technical component is a combination of the facility and technical components, rather than reporting the facility component alone, which is done in the current analysis. Therefore, the technical/facility fee amount on CompareMaine comes from a UB-04 claim form **OR** a CMS-1500 with a technical modifier and the professional fee amount comes from a CMS-1500 claims form. The difference in categorization means that cost and percentage comparisons between the current analysis and CompareMaine may not be directly equivalent, as the definitions of the components vary.