

Appendix 2: Automated Chief Complaint Shortlist

Num.	Chief Complaint	Freq.	Percent	Cum.
1	FEVER	3,579	8.78	8.78
2	HEADACHE	3,545	8.69	17.47
3	ABDOMINAL PAIN	3,061	7.51	24.98
4	PAIN - LOCALIZED	2,945	7.22	32.2
5	COUGH	2,688	6.59	38.79
6	VOMITING	2,289	5.61	44.4
7	DIARRHEA	1,595	3.91	48.32
8	DIFFICULTY IN BREATHING	1,319	3.23	51.55
9	ROAD TRAFFIC ACCIDENT	1,214	2.98	54.53
10	CHEST PAIN	1,210	2.97	57.5
11	WEAKNESS - GENERAL	1,171	2.87	60.37
12	LACERATION	1,137	2.79	63.16
13	SWELLING - LOCALIZED	1,106	2.71	65.87
14	CATHETER CHANGE	1,033	2.53	68.4
15	DRESSING CHANGE	705	1.73	70.13
16	DIZZINESS	684	1.68	71.81
17	UNRESPONSIVE	586	1.44	73.24
18	WOUND	536	1.31	74.56
19	ASSAULT	517	1.27	75.83
20	FLU	505	1.24	77.07
21	BACK ACHE	394	0.97	78.03
22	FOREIGN BODY	394	0.97	79
23	POISONING	391	0.96	79.96
24	PAINFUL SWELLING - LOCALIZED	343	0.84	80.8
25	LOSS OF APPETITE	333	0.82	81.61
26	BURN	273	0.67	82.28
27	CONFUSION	266	0.65	82.94
28	BITE	248	0.61	83.54
29	ABDOMINAL DISTENSION	214	0.52	84.07
30	HEARING LOSS	205	0.5	84.57
31	FALL	191	0.47	85.04
32	SEIZURE	180	0.44	85.48
33	SWELLING - GENERALIZED	174	0.43	85.91
34	VAGINAL BLEEDING	168	0.41	86.32
35	CHILLS	160	0.39	86.71
36	EPISTAXIS	155	0.38	87.09
37	FOREIGN BODY - INGESTED	140	0.34	87.44
38	DYSURIA	139	0.34	87.78
39	SUTURE REMOVAL	130	0.32	88.1
40	UNABLE TO TALK	123	0.3	88.4
41	ANOREXIA	121	0.3	88.69
42	HEAD INJURY	119	0.29	88.99
43	DIARRHEA - BLOODY	115	0.28	89.27
44	PRURITUS	115	0.28	89.55
45	UNABLE TO PASS URINE	115	0.28	89.83
46	NAUSEA	113	0.28	90.11
47	INFECTED WOUND	107	0.26	90.37

48	ALTERED MENTAL STATUS	106	0.26	90.63
49	RASH	103	0.25	90.88
50	URINARY RETENTION	103	0.25	91.14
51	BLEEDING	101	0.25	91.38
52	TONGUE TIE	92	0.23	91.61
53	ABSCESS	90	0.22	91.83
54	FRACTURE	84	0.21	92.04
55	PAINFUL SWELLING - GENERALIZED	84	0.21	92.24
56	FEEDING PROBLEM	81	0.2	92.44
57	SHORTNESS OF BREATH	80	0.2	92.64
58	SORE THROAT	76	0.19	92.82
59	UNCONSCIOUS	76	0.19	93.01
60	WEIGHT LOSS	74	0.18	93.19
61	HEMATEMESIS	71	0.17	93.37
62	CONSTIPATION	69	0.17	93.54
63	BRUISING	68	0.17	93.7
64	CATHETER PROBLEM	66	0.16	93.86
65	SEMICONSCIOUS	66	0.16	94.03
66	NUMBNESS/TINGLING	60	0.15	94.17
67	INTOXICATION - ALCOHOL	58	0.14	94.32
68	INJURY	56	0.14	94.45
69	SHIVERING	56	0.14	94.59
70	ABRASION	52	0.13	94.72
71	DIAGNOSTIC/THERAPEUTIC PROCEDURE NEEDED	52	0.13	94.85
72	CAST PROBLEM	50	0.12	94.97
73	FAILURE TO PASS STOOL	48	0.12	95.09
74	BREATHING PROBLEM	46	0.11	95.2
75	WOUND CHECK	46	0.11	95.31
76	WASTING	43	0.11	95.42
77	ABNORMAL BLOOD SUGAR	40	0.1	95.51
78	FAINTING	40	0.1	95.61
79	HEMOPTYSIS	40	0.1	95.71
80	URINARY PROBLEM	40	0.1	95.81
81	LOSS OF CONSCIOUSNESS	38	0.09	95.9
82	CHEST TIGHTNESS	37	0.09	95.99
83	SORES - ORAL	37	0.09	96.08
84	HIT	36	0.09	96.17
85	PUNCTURE WOUND	36	0.09	96.26
86	ABDOMINAL FULLNESS	35	0.09	96.35
87	NIGHT SWEATS	35	0.09	96.43
88	WOUND DRESSING	35	0.09	96.52
89	HEMATURIA	34	0.08	96.6
90	BODY ACHES	33	0.08	96.68
91	EAR WAX	32	0.08	96.76
92	HICCUPS	31	0.08	96.84
93	STOMACH ACHE	29	0.07	96.91
94	INGUINAL PAIN	28	0.07	96.98
95	BEE STING	27	0.07	97.04
96	JOINT ACHES	27	0.07	97.11
97	VAGINA DISCHARGE	27	0.07	97.17
98	ABDOMINAL DISCOMFORT	26	0.06	97.24
99	DENTAL PROBLEM	26	0.06	97.3

100	WHEEZING	26	0.06	97.37
101	NECK STIFFNESS	25	0.06	97.43
102	UNABLE TO WALK	25	0.06	97.49
103	RAPE	24	0.06	97.55
104	SORES	24	0.06	97.61
105	MALAISE	23	0.06	97.66
106	PARALYSIS - UNILATERAL	23	0.06	97.72
107	TRAUMA/INJURY - LOCALIZED	23	0.06	97.78
108	DIFFICULTY SWALLOWING	22	0.05	97.83
109	DROWSINESS	22	0.05	97.88
110	RUNNY NOSE	22	0.05	97.94
111	ULCER	22	0.05	97.99
112	FAILURE TO THRIVE	21	0.05	98.04
113	FAST BREATHING	21	0.05	98.09
114	LIGHTENING STRIKE	21	0.05	98.15
115	FORESKIN RETRACTION	20	0.05	98.2
116	INCONTINENCE - URINARY	20	0.05	98.24
117	NASAL CONGESTION	20	0.05	98.29
118	PARALYSIS	20	0.05	98.34
119	PALPITATIONS	19	0.05	98.39
120	THRUSH - ORAL	19	0.05	98.44
121	TOOTHACHE	19	0.05	98.48
122	ANIMAL ATTACK - COW	18	0.04	98.53
123	FAILURE TO EAT	18	0.04	98.57
124	FAILURE TO GROW	18	0.04	98.61
125	RESTLESSNESS	18	0.04	98.66
126	ABDOMINAL CRAMPS	17	0.04	98.7
127	DIAPHORESIS	17	0.04	98.74
128	VISION CHANGE	17	0.04	98.78
129	ABNORMAL CRYING	16	0.04	98.82
130	DIFFICULT URINATION	16	0.04	98.86
131	MALARIA	16	0.04	98.9
132	MYALGIA	16	0.04	98.94
133	RABIES VACCINE	16	0.04	98.98
134	JAW DISLOCATION	15	0.04	99.02
135	EAR SYRINGING	14	0.03	99.05
136	IV PLACEMENT	14	0.03	99.09
137	OVERDOSE	14	0.03	99.12
138	TRAUMA	13	0.03	99.15
139	VAGINA COMPLAINT	13	0.03	99.18
140	FATIGUE	12	0.03	99.21
141	PHIMOSIS	12	0.03	99.24
142	URINARY FREQUENCY	12	0.03	99.27
143	WEAKNESS - UNILATERAL	12	0.03	99.3
144	EAR ACHE	11	0.03	99.33
145	INGROWN NAIL	11	0.03	99.36
146	PENILE DISCHARGE	11	0.03	99.38
147	EYE DISCHARGE	10	0.02	99.41
148	DYSPHASIA	9	0.02	99.43
149	MALNUTRITION	9	0.02	99.45
150	PARAPHYMOSIS	9	0.02	99.47
151	RIGORS	9	0.02	99.49

152	UNABLE TO STAND	9	0.02	99.52
153	YELLOW EYES	9	0.02	99.54
154	DISCHARGE - EAR	8	0.02	99.56
155	DYSPNEA	8	0.02	99.58
156	EYE REDNESS	8	0.02	99.6
157	IMPERFORATE VAGINA	8	0.02	99.62
158	NG TUBE PROBLEM	8	0.02	99.64
159	RECTAL PROLAPSE	8	0.02	99.66
160	STUNTED GROWTH	8	0.02	99.68
161	WOUND CLEANING	8	0.02	99.7
162	ABNORMAL BLOOD PRESSURE	7	0.02	99.71
163	AGITATION	7	0.02	99.73
164	CHANGE IN SENSATION	7	0.02	99.75
165	INGESTION - DRUG	7	0.02	99.76
166	MEDICATION REFILL	7	0.02	99.78
167	PAIN - GENERALIZED	7	0.02	99.8
168	STAB WOUND	7	0.02	99.82
169	TREMOR	7	0.02	99.83
170	BLUNT TRAUMA	6	0.01	99.85
171	DEAD ON ARRIVAL	6	0.01	99.86
172	DROWNING	6	0.01	99.88
173	TALKATIVE	6	0.01	99.89
174	DECREASED RESPONSIVENESS	5	0.01	99.9
175	SEMIRESPONSIVE	5	0.01	99.92
176	TROUBLE IN BREATHING	5	0.01	99.93
177	ANXIETY	4	0.01	99.94
178	INCONTINENCE	4	0.01	99.95
179	PALLOR	4	0.01	99.96
180	SUICIDE ATTEMPT	4	0.01	99.97
181	ALLERGIC REACTION	3	0.01	99.98
182	PARACENTESIS	3	0.01	99.98
183	BREATHLESSNESS	2	0	99.99
184	JAUNDICE	2	0	99.99
185	PREGNANCY RELATED COMPLAINT	2	0	100
186	GUNSHOT WOUND	1	0	100
	Total	40,777	100	