

CHD Cohort Surveillance**ECG****Data set name: C19CEMB1**

ECG

<i>CEBD01</i>		<i>ECG Technician - 1st ECG</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
172	0	
21265	999	
2		Missing

<i>CEBD02</i>		<i>ECG Date - 1st ECG</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
21437	Range	01/13/1987 - 12/26/2019
2		Missing

<i>CEBD03</i>		<i>ECG Coder - 1st ECG</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
21439	Present	Text suppressed

<i>CEBD04</i>		<i>Date Coded - 1st ECG</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
21439	Range	02/04/1991 - 11/13/2020

<i>CEBD05</i>		<i>Q-QS Pattern (1xx) I aVL V6 - 1st ECG</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
73	11	Q/R amplitude ratio = 1/3, plus Q duration = 0.03 sec in lead I or V6
12	12	Q duration = 0.04 sec in lead I or V6
44	13	Q duration = 0.04 sec, plus R amplitude = 3 mm in lead a VL
50	21	Q/R amplitude ratio = 1/3, plus Q duration = 0.02 and < 0.03 sec in lead I or V6
32	22	Q duration = 0.03 sec and < 0.04 sec lead I or V6
39	23	QS pattern in lead I. Do not code in the presence of 7-1-1
23	28	Initial R amplitude decreasing to 2 mm or less in every beat (and absence of codes 3-2, 7-1-1, 7-2-1, or 7-3 between V5 and V6. (All beats in lead V5 must have an initial R > 2 mm.)
70	31	Q/R amplitude ratio = 1/5 and < 1/3, plus Q duration ! 0.02 sec and < 0.03 sec in lead I or V6.
121	33	Q duration = 0.03 sec and < 0.04 sec, plus R amplitude = 3 mm in lead aVL.
20975		Missing

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CEBD06		Q-QS Pattern (1xx) II III aVF - 1st ECG
N	Value	Description
90	11	Q/R amplitude ratio = 1/3, plus Q duration = 0.03 sec in lead II
7	12	Q duration = 0.04 sec in lead II
76	14	Q duration = 0.05 sec in lead III, plus a Q-wave amplitude = 1.0 mm in the majority of beats in lead aVF
16	15	Q duration = 0.05 sec in lead aVF
131	21	Q/R amplitude ratio = 1/3, plus Q duration = 0.02 sec and < 0.03 in lead II
28	22	Q duration = 0.03 sec and <0.04 sec in lead II
183	23	QS pattern in lead II. Do not code in the presence of 7-1-1.
142	24	Q duration = 0.04 sec and <0.05 sec in lead III, plus a Q-wave = 1.0 mm amplitude in the majority of beats in aVF
13	25	Q duration = 0.04 sec and <0.05 sec in lead aVF
132	26	Q duration = 5.0 mm in leads III or aVF
56	31	Q/R amplitude ratio = 1/5 and <1/3, plus Q duration = 0.02 sec and < 0.03 in lead II
245	34	Q duration = 0.03 sec and <0.04 sec in lead III, plus a Q-wave = 1.0 mm amplitude in the majority of beats in aVF
29	35	Q duration = 0.03 sec and <0.04 sec in lead aVF
285	36	QS pattern in lead III and aVF. Do not code in the presence of 7-1-1.
20006		Missing

CEBD07		Q-QS Pattern (1xx) V1-V5 - 1st ECG
N	Value	Description
234	11	Q/R amplitude ratio = 1/3 plus Q duration = 0.03 sec in any of leads V2-V5
97	12	Q duration = 0.04 sec in any of leads V1-V5
423	16	QS pattern when initial R-wave is present in adj lead to the right on the chest, in any leads V2-V6
116	17	QS pattern in all of leads V1-V4 or V1-V5
75	21	Q/R amplitude ratio = 1/3, plus Q duration = 0.02 sec and < 0.03 sec, in any of leads V2-V5
27	22	Q duration = 0.03 sec and < 0.04 sec in any of leads V2-V5
221	27	QS pattern in all of leads V1-V3 (do not code in the presence of 7-1-1)
303	28	Initial R amplitude decreasing to 2.0mm or less in every beat (and absence of codes 3-2, 7-1-1, 7-2-1, or 7-3) between any of leads V2 and V3, V3 and V4, or V4 and V5 (all beats in the lead immediately to the right on the chest must have an initial R > 2)
30	31	Q/R amplitude ratio = 1/5 and < 1/3 plus Q duration = 0.02 and < 0.03 sec in any of leads V2-V5
670	32	QS pattern in lead V1 and V2. (Do not code in the presence of 3-1 or 7-1-1.)
19243		Missing

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<i>CEBD08</i>		<i>ST Segment Depression (4xx) I aVL V6 - 1st ECG</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
1320	2	STJ depression = 0.5 mm and < 1.0 mm and ST segment horizontal or downward sloping in any of leads I, aVL, or V6
1121	3	No STJ depression as much as 0.5 mm but ST segment downward sloping and segment or T-wave nadir = 0.5 mm below P-R baseline, in any of leads I, aVL, or V6
48	4	STJ depression = 1.0 mm and ST segment upward sloping or U-shaped, in any of leads I, aVL, or V6
115	11	STJ depression = 2.0 mm and ST segment horizontal or downward sloping in any of leads I, aVL, or V6
713	12	STJ depression = 1.0 mm but < 2.0 mm, and ST segment horizontal or downward sloping in any of leads I, aVL, or V6
18122		Missing

<i>CEBD09</i>		<i>ST Segment Depression (4xx) II III aVF - 1st ECG</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
448	2	STJ depression = 0.5 mm and < 1.0 mm and ST segment horizontal or downward sloping in lead II or aVF
388	3	No STJ depression as much as 0.5 mm, but ST segment downward sloping and segment or T-wave nadir = 0.5 mm below P-R baseline in lead II.
34	4	STJ depression = 1.0 mm and ST segment upward sloping, or U-shaped, in lead II
23	11	STJ depression = 2.0 mm and ST segment horizontal or downward sloping in lead II or aVF
239	12	STJ depression = 1.0 mm but < 2.0 mm and ST segment horizontal or downward sloping in lead II or aVF
1	30	No STJ depression as much as 0.5 mm, but ST segment downward sloping and segment or T-wave nadir = 0.5 mm below P-R baseline in lead II.
20306		Missing

<i>CEBD10</i>		<i>ST Segment Depression (4xx) V1-V5 - 1st ECG</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
943	2	STJ depression = 0.5 mm and < 1.0 mm and ST segment horizontal or downward sloping in any of leads V1 - V5
420	3	No STJ depression as much as 0.5 mm, but ST segment downward sloping and segment or T-wave nadir = 0.5 mm below P-R baseline in any of leads V2 - V5
114	4	STJ depression = 1.0 mm and ST segment upward sloping or U-shaped in any of leads V1 - V5
209	11	STJ depression = 2.0 and ST segment horizontal or downward sloping in any of leads V1-V5
711	12	STJ depression = 2.0 and ST segment horizontal or downward sloping in any of leads V1 - V5
19042		Missing

<i>CEBD100</i>		<i>Condition 11- Lead 2, EV6</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
1	3	
21438		Missing

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<i>CEBD101</i>		<i>Condition 11- Lead 3, EV6</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
20	3	
21419		Missing

<i>CEBD102</i>		<i>Condition 12- Lead 1, ED3,6,EV3</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
670	1	
184	3	
45	4	
20540		Missing

<i>CEBD103</i>		<i>Condition 12- Lead 2, ED3,6,EV3</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
443	1	
74	3	
32	4	
20890		Missing

<i>CEBD104</i>		<i>Condition 12- Lead 3, ED3,6,EV3</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
1031	1	
100	3	
56	4	
20252		Missing

<i>CEBD105</i>		<i>Condition 13- Lead 1, EV4</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
16	1	
17	3	
1	4	
21405		Missing

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<i>CEBD106</i>		<i>Condition 13- Lead 2, EV4</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
4	1	
1	3	
21434		Missing

<i>CEBD107</i>		<i>Condition 13- Lead 3, EV4</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
46	1	
39	3	
2	4	
21352		Missing

<i>CEBD108</i>		<i>Condition 14- Lead 1, EV3</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
941	2	
212	3	
60	4	
20226		Missing

<i>CEBD109</i>		<i>Condition 14- Lead 2, EV3</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
503	2	
94	3	
65	4	
20777		Missing

<i>CEBD11</i>		<i>T Wave (5x) I aVL V6 - 1st ECG</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
79	1	T amplitude negative 5.0 mm or more in either of leads I, V6, or in lead aVL when R amplitude is = 5.0 mm
3675	2	T amplitude negative or diphasic (positive-negative or negative-positive type) with negative phase at least 1.0 mm but not as deep as 5.0 mm in lead I or V6, or in lead aVL when R amplitude is = 5.0 mm
4550	3	T amplitude zero (flat), or negative, or diphasic (negative-positive type only) with less than 1.0 mm negative phase in lead I or V6, or in lead aVL when R amplitude is = 5.0 mm
13135		Missing

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<i>CEBD110</i>		<i>Condition 14- Lead 3, EV3</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
938	2	
113	3	
55	4	
20333		Missing

<i>CEBD111</i>		<i>Condition 15- Lead 1, EV4</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
15	2	
11	3	
7	4	
21406		Missing

<i>CEBD112</i>		<i>Condition 15- Lead 2, EV4</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
21439		Missing

<i>CEBD113</i>		<i>Condition 15- Lead 3, EV4</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
39	2	
34	3	
2	4	
21364		Missing

<i>CEBD114</i>		<i>Condition 16- Lead 1, EV7</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
15	3	
21424		Missing

<i>CEBD115</i>		<i>Condition 16- Lead 2, EV7</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
1	3	
21438		Missing

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<i>CEBD116</i>		<i>Condition 16- Lead 3, EV7</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
2	1	
49	3	
1	4	
21387		Missing

<i>CEBD117</i>		<i>Condition 17- Lead 1, EV8</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
66	1	
90	2	
1397	3	
42	4	
19844		Missing

<i>CEBD118</i>		<i>Condition 17- Lead 2, EV8</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
12	1	
18	2	
343	3	
23	4	
21043		Missing

<i>CEBD119</i>		<i>Condition 17- Lead 3, EV8</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
86	1	
98	2	
1076	3	
35	4	
20144		Missing

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CEBD12		T Wave (5x) II III aVF - 1st ECG
N	Value	Description
6	1	T amplitude negative 5.0 mm or more in lead II, or in lead aVF when QRS is mainly upright
1323	2	T amplitude negative or diphasic with negative phase (negative-positive or positive-negative type) at least 1.0 mm but not as deep as 5.0 mm in lead II, or in lead aVF when QRS is mainly upright
2433	3	T amplitude zero (flat), or negative, or diphasic (negative-positive type only) with less than 1.0 mm negative phase in lead II; not Coded in lead aVF
17677		Missing

CEBD120		Condition 18- Lead 1, ED4,7,EV5
N	Value	Description
1	3	
55	1	
2	4	
21381		Missing

CEBD121		Condition 18- Lead 2, ED4,7,EV5
N	Value	Description
48	1	
7	3	
3	4	
21381		Missing

CEBD122		Condition 18- Lead 3, ED4,7,EV5
N	Value	Description
97	1	
30	3	
8	4	
21304		Missing

CEBD123		Condition 19- Lead 1, EV5
N	Value	Description
77	2	
17	3	
1	4	
21344		Missing

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<i>CEBD124</i>		<i>Condition 19- Lead 2, EV5</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
213	2	
17	3	
3	4	
21206		Missing

<i>CEBD125</i>		<i>Condition 19- Lead 3, EV5</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
134	2	
57	3	
4	4	
21244		Missing

<i>CEBD126</i>		<i>ED1 Pattern Met</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
306	Y	
21133		Missing

<i>CEBD127</i>		<i>ED2 Pattern Met</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
2	Y	
21437		Missing

<i>CEBD128</i>		<i>ED3 Pattern Met</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
10	Y	
21429		Missing

<i>CEBD129</i>		<i>ED4 Pattern Met</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
1	Y	
21438		Missing

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<i>CEBD13</i>		<i>T Wave (5x) V1-V5 - 1st ECG</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
199	1	T amplitude negative 5.0 mm or more in any of leads V2 - V5
3144	2	T amplitude negative (flat), or diphasic (negative-positive or positive-negative type) with negative phase at least 1.0 mm but not as deep as 5.0 mm, in any of leads V2 - V5
2235	3	T amplitude zero (flat), or negative, or diphasic (negative-positive type only) with less than 1.0 mm negative phase, in any of leads V3 - V5
1	4	T amplitude positive and T/R amplitude ratio < 1/20 in any of leads V3, V4, V5; R wave amplitude must be = 10.0 mm
15860		Missing

<i>CEBD130</i>		<i>ED5 Pattern Met</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
13	Y	
21426		Missing

<i>CEBD131</i>		<i>ED6 Pattern Met</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
49	Y	
21390		Missing

<i>CEBD132</i>		<i>ED7 Pattern Met</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
5	Y	
21434		Missing

<i>CEBD133</i>		<i>EV1 Pattern Met</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
1907	Y	
19532		Missing

<i>CEBD134</i>		<i>EV2 Pattern Met</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
67	Y	
21372		Missing

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<i>CEBD135</i>		<i>EV3 Pattern Met</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
2973	Y	
18466		Missing

<i>CEBD136</i>		<i>EV4 Pattern Met</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
101	Y	
21338		Missing

<i>CEBD137</i>		<i>EV5 Pattern Met</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
425	Y	
21014		Missing

<i>CEBD138</i>		<i>EV6 Pattern Met</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
1	Y	
21438		Missing

<i>CEBD139</i>		<i>EV7 Pattern Met</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
2	Y	
21437		Missing

<i>CEBD14</i>		<i>ST Segment elevation (92x) I aVL V6 - 1st ECG</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
118	2	ST segment elevation = 1.0 mm in any of leads I, aVL, V6
21321		Missing

<i>CEBD140</i>		<i>EV8 Pattern Met</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
313	Y	
21126		Missing

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<i>CEBD141</i>		<i>Heart Rate-1st ECG-Beats Per Minute</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
21197	Range	20 - 999 (median=81 mean=86.1 std=28.1)
242		Missing

<i>CEBD142</i>		<i>Heart Rate Follow-up ECG-Beats Per Minute</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
17276	Range	7 - 999 (median=75 mean=80.0 std=23.3)
4163		Missing

<i>CEBD143</i>		<i>Condition 20- Lead 1, EV5</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
1	1	
12	3	
1	4	
21425		Missing

<i>CEBD144</i>		<i>Condition 20- Lead 2, EV5</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
7	2	
36	3	
21396		Missing

<i>CEBD145</i>		<i>Condition 20- Lead 3, EV5</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
5	1	
14	2	
71	3	
3	4	
21346		Missing

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<i>CEBD146</i>		<i>Condition 21- Lead 1, EV1</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
18	1	
34	3	
4	4	
21383		Missing

<i>CEBD147</i>		<i>Condition 21- Lead 2, EV1</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
4	1	
16	3	
21419		Missing

<i>CEBD148</i>		<i>Condition 21- Lead 3, EV1</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
26	1	
36	3	
3	4	
21374		Missing

<i>CEBD149</i>		<i>Condition 22- Lead 1, EV1</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
65	2	
57	3	
5	4	
21312		Missing

<i>CEBD15</i>		<i>ST Segment elevation (92x) II III aVF - 1st ECG</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
293	2	
21146		Missing

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<i>CEBD150</i>		<i>Condition 22- Lead 2, EV1</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
15	2	
20	3	
21404		Missing

<i>CEBD151</i>		<i>Condition 22- Lead 3, EV1</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
51	2	
56	3	
2	4	
21330		Missing

<i>CEBD16</i>		<i>ST Segment elevation (92x) V1-V5 - 1st ECG</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
342	2	ST segment elevation = 1.0 mm in lead V5 or ST segment elevation = 2.0 mm in any of leads V1 - V4
21097		Missing

<i>CEBD17</i>		<i>R Wave Amplitude (3x) - 1st ECG</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
1157	1	
386	3	
19896		Missing

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CEBD18		A-V Conduction Defect (6xx) - 1st ECG
N	Value	Description
42	1	Complete (third degree) A-V block (permanent or intermittent) in any lead. Atrial and ventricular complexes independent, and atrial rate faster than ventricular rate, with ventricular rate < 60
993	3	P-R (P-Q) interval = 0.22 sec in the majority of beats in any of leads I, II, III, aVL, aVF
239	5	Short P-R interval. P-R interval < 0.12 sec in all beats of any two of leads I, II, III, aVL, aVF
2	6	
1176	8	Artificial pacemaker
9	21	Mobitz Type II (occurrence of P-wave on time with dropped QRS and T)
12	22	Partial (second degree) A-V block in any lead (2:1 or 3:1 block)
13	23	Wenckebach's Phenomenon (P-R interval increasing from beat to beat until QRS and T dropped)
4	41	Wolff-Parkinson-White Pattern (WPW), persistent. Sinus P-wave. P-R interval < 0.12 sec, plus QRS duration = 0.12 sec, plus R peak duration = 0.06 sec, coexisting in the same beat and present in the majority of beats in any of leads I, II, aVL, V4 - V6 (6
18949		Missing

CEBD19		Ventricular Conduction Defect (7xx) - 1st ECG
N	Value	Description
1	12	
27	7	
1	8	
280	3	Incomplete right bundle branch block. QRS duration < 0.12 sec in each of leads I, II, III, aVL, aVF, and R' > R in either of leads V1, V2 (Code as 3-2 in addition if those criteria are met. 7-3 suppresses code 1-2-8.)
485	4	Intraventricular block. QRS duration = 0.12 sec in a majority of beats in any of leads I, II, III, aVL, aVF (7-4 suppresses all 2, 3, 4, 5, 9-2, 9-4, 9-5 codes.)
233	5	R-R' pattern in either of leads V1, V2 with R' amplitude = R
68	6	Incomplete left bundle branch block. (Do not code in the presence of any codable Q- or QS-wave.) QRS duration = 0.10 sec and < 0.12 in the majority of beats of each of leads I, aVL, and V5 or V6
1308	11	Complete left bundle branch block (LBBB) (Do not code in presence of 6-1, 6-4-1, 6-8, 8-2-1 or 8-2-2.) QRS duration = 0.12 sec in a majority of beats in any of leads I, II, III, aVL, aVF, plus R peak duration = 0.06 sec in a majority of beats (of the same
1694	21	Complete right bundle branch block (RBBB). (Do not code in the presence of 6-1, 6-4-1, 6-8, 8-2-1 or 8-2-2.) QRS duration = 0.12 sec in a majority of beats in any of leads I, II, III, aVL, aVF, plus: R' > R in V1 or V2; or QRS mainly upright, with R peak
1	22	
17341		Missing

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<i>CEBD20</i>		<i>Miscellaneous Items (9x) 1x - 1st ECG</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
1157	1	Low QRS amplitude. QRS peak-to-peak amplitude < 5 mm in all beats in each of leads I, II, III, or < 10 mm in all beats in each of leads V1 - V6
20282		Missing

<i>CEBD21</i>		<i>Miscellaneous Items (9x) 3x - 1st ECG</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
77	3	P-wave amplitude = 2.5 mm in any of leads II, III, aVF, in a majority of beats. 9-4-1 QRS transition zone at V3 or to the right of V3 on the chest.
21362		Missing

<i>CEBD22</i>		<i>Miscellaneous Items (9x) 5x - 1st ECG</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
70	5	T-wave amplitude > 12 mm in any of leads I, II, III, aVL, aVF, V1 - V6
21369		Missing

<i>CEBD23</i>		<i>U Wave (Blank) - 1st ECG</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
21439		Missing

<i>CEBD24</i>		<i>Suppression 8 - 1st ECG</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
58	2	
218	4	
21163		Missing

<i>CEBD25</i>		<i>Technical Problem (98x) - 1st ECG</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
1600	1	Technical problems which interfere with coding
772	2	Technical problems which do not interfere with coding
19067		Missing

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<i>CEBD26</i>		<i>Clear - 1st ECG</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
4608	0	
16830	1	
1		Missing

<i>CEBD27</i>		<i>Suppression Pat (6xx) - 1st ECG</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
1498	1	
19941	2	

<i>CEBD28</i>		<i>Type Of Suppression (6xx) - 1st ECG</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
19941	0	
42	C	
58	F	
1176	P	
218	V	
4	W	

<i>CEBD29</i>		<i>Bundle Branch Block - 1st ECG</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
1308	1	
1694	2	
18437	3	

<i>CEBD30</i>		<i>Major Q I aVL V6 - 1st ECG</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
250	1	
21189	2	

<i>CEBD31</i>		<i>Minor Q I aVL V6 - 1st ECG</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
215	1	
21224	2	

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CEBD32		Major Q II III aVF - 1st ECG
N	Value	Description
686	1	
20753	2	

CEBD33		Minor Q II III aVF - 1st ECG
N	Value	Description
615	1	
20824	2	

CEBD34		Major Q V1-V5 - 1st ECG
N	Value	Description
1193	1	
20246	2	

CEBD35		Minor Q V1-V5 - 1st ECG
N	Value	Description
1004	1	
20435	2	

CEBD36		ECG Technician - Follow Up ECG
N	Value	Description
174	0	
17325	999	
3940		Missing

CEBD37		ECG Date - Follow Up ECG
N	Value	Description
17500	Range	03/05/1987 - 12/30/2019
3939		Missing

CEBD38		Coder - Follow Up ECG
N	Value	Description
17500	Present	Text suppressed
3939		Missing

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CEBD39		Date Coded - Follow Up ECG
N	Value	Description
17500	Range	02/04/1991 - 11/13/2020
3939		Missing

CEBD40		Q-QS Pattern (1xx) I aVL V6 - Follow Up ECG
N	Value	Description
62	11	Q/R amplitude ratio = 1/3, plus Q duration = 0.03 sec in lead I or V6
6	12	Q duration = 0.04 sec in lead I or V6
24	13	Q duration = 0.04 sec, plus R amplitude = 3 mm in lead a VL
56	21	Q/R amplitude ratio = 1/3, plus Q duration = 0.02 and < 0.03 sec in lead I or V6
29	22	Q duration = 0.03 sec and < 0.04 sec lead I or V6
18	23	QS pattern in lead I. Do not code in the presence of 7-1-1
25	28	Initial R amplitude decreasing to 2 mm or less every beat
53	31	Q/R amplitude ratio = 1/5 and < 1/3, plus Q duration = 0.02 sec and < 0.03 sec in lead I or V6
108	33	Q duration = 0.03 sec and < 0.04 sec, plus R amplitude = 3 mm in lead aVL lead I or V6
21058		Missing

CEBD41		Q-QS Pattern (1xx) II III aVF - Follow Up ECG
N	Value	Description
81	11	Q/R amplitude ratio = 1/3, plus Q duration = 0.03 sec in lead II
7	12	Q duration = 0.04 sec in lead II
68	14	Q duration = 0.05 sec in lead III, plus a Q-wave amplitude = 1.0 mm in the majority of beats in lead aVF
10	15	Q duration = 0.05 sec in lead aVF
126	21	Q/R amplitude ratio = 1/3, plus Q duration = 0.02 sec and < 0.03 in lead II
18	22	Q duration = 0.03 sec and < 0.04 sec in lead II
183	23	QS pattern in lead II. Do not code in the presence of 7-1-1.
122	24	Q duration = 0.04 sec and < 0.05 sec in lead III, plus a Q-wave = 1.0 mm amplitude in the majority of beats in aVF
14	25	Q duration = 0.04 sec and < 0.05 sec in lead aVF
116	26	Q duration = 5.0 mm in leads III or aVF
74	31	Q/R amplitude ratio = 1/5 and < 1/3, plus Q duration = 0.02 sec and < 0.03 in lead II
233	34	Q duration = 0.03 sec and < 0.04 sec in lead III, plus a Q-wave = 1.0 mm amplitude in the majority of beats in aVF
21	35	Q duration = 0.03 sec and < 0.04 sec in lead aVF
254	36	QS pattern in lead III and aVF. Do not code in the presence of 7-1-1.
20112		Missing

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<i>CEBD42</i>		<i>Q-QS Pattern (1xx) V1-V5 - Follow Up ECG</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
176	11	Q/R amplitude ratio = 1/3 plus Q duration = 0.03 sec in any of leads V2-V5
84	12	Q duration = 0.04 sec in any of leads V1-V5
355	16	QS pattern when initial R-wave is present in adj lead to the right on the chest, in any leads V2-V6
93	17	QS pattern in all of leads V1-V4 or V1-V5
61	21	Q/R amplitude ratio = 1/3, plus Q duration = 0.02 sec and < 0.03 sec, in any of leads V2-V5
26	22	Q duration = 0.03 sec and < 0.04 sec in any of leads V2-V5
178	27	QS pattern in all of leads V1-V3 (do not code in the presence of 7-1-1)
225	28	Initial R amplitude decreasing to 2.0mm or less in every beat
26	31	
535	32	
19680		Missing

<i>CEBD43</i>		<i>ST Segment Depression (4xx) I aVL V6 - Follow Up ECG</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
858	2	STJ depression = 0.5 mm and < 1.0 mm and ST segment horizontal or downward sloping in any of leads I, aVL, or V6
916	3	No STJ depression as much as 0.5 mm but ST segment downward sloping and segment or T-wave nadir = 0.5 mm below P-R baseline, in any of leads I, aVL, or V6
11	4	STJ depression = 1.0 mm and ST segment upward sloping or U-shaped, in any of leads I, aVL, or V6
28	11	STJ depression = 2.0 mm and ST segment horizontal or downward sloping in any of leads I, aVL, or V6
318	12	STJ depression = 1.0 mm but < 2.0 mm, and ST segment horizontal or downward sloping in any of leads I, aVL, or V6
19308		Missing

<i>CEBD44</i>		<i>ST Segment Depression (4xx) II III aVF - Follow Up ECG</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
275	2	STJ depression = 0.5 mm and < 1.0 mm and ST segment horizontal or downward sloping in lead II or aVF
321	3	No STJ depression as much as 0.5 mm, but ST segment downward sloping and segment or T-wave nadir = 0.5 mm below P-R baseline in lead II.
7	4	STJ depression = 1.0 mm and ST segment upward sloping, or U-shaped, in lead II
8	11	STJ depression = 2.0 mm and ST segment horizontal or downward sloping in lead II or aVF
96	12	STJ depression = 1.0 mm but < 2.0 mm and ST segment horizontal or downward sloping in lead II or aVF
20732		Missing

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CEBD45		ST Segment Depression (4xx) V1-V5 - Follow Up ECG
N	Value	Description
688	2	STJ depression = 0.5 mm and < 1.0 mm and ST segment horizontal or downward sloping in any of leads V1 - V5
396	3	No STJ depression as much as 0.5 mm, but ST segment downward sloping and segment or T-wave nadir = 0.5 mm below P-R baseline in any of leads V2 - V5
46	4	STJ depression = 1.0 mm and ST segment upward sloping or U-shaped in any of leads V1 - V5
81	11	STJ depression = 2.0 and ST segment horizontal or downward sloping in any of leads V1-V5
389	12	STJ depression = 2.0 and ST segment horizontal or downward sloping in any of leads V1 - V5
19839		Missing

CEBD46		T Wave (5x) I aVL V6 - Follow Up ECG
N	Value	Description
61	1	T amplitude negative 5.0 mm or more in either of leads I, V6, or in lead aVL when R amplitude is = 5.0 mm
2673	2	T amplitude negative or diphasic (positive-negative or negative-positive type) with negative phase at least 1.0 mm but not as deep as 5.0 mm in lead I or V6, or in lead aVL when R amplitude is = 5.0 mm
3868	3	T amplitude zero (flat), or negative, or diphasic (negative-positive type only) with less than 1.0 mm negative phase in lead I or V6, or in lead aVL when R amplitude is = 5.0 mm
1	4	
14836		Missing

CEBD47		T Wave (5x) II III aVF - Follow Up ECG
N	Value	Description
9	1	T amplitude negative 5.0 mm or more in lead II, or in lead aVF when QRS is mainly upright.
1004	2	T amplitude negative or diphasic with negative phase (negative-positive or positive-negative type) at least 1.0 mm but not as deep as 5.0 mm in lead II, or in lead aVF when QRS is mainly upright.
2089	3	T amplitude zero (flat), or negative, or diphasic (negative-positive type only) with less than 1.0 mm negative phase in lead II; not Coded in lead aVF.
18337		Missing

CEBD48		T Wave (5x) V1-V5 - Follow Up ECG
N	Value	Description
215	1	T amplitude negative 5.0 mm or more in lead II, or in lead aVF when QRS is mainly upright
2647	2	T amplitude negative or diphasic with negative phase (negative-positive or positive-negative type) at least 1.0 mm but not as deep as 5.0 mm in lead II, or in lead aVF when QRS is mainly upright
1889	3	T amplitude zero (flat), or negative, or diphasic (negative-positive type only) with less than 1.0 mm negative phase in lead II; not Coded in lead aVF
1	4	
16687		Missing

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<i>CEBD49</i>		<i>ST Segment elevation (92x) I aVL V6 - Follow Up ECG</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
75	2	ST segment elevation = 1.0 mm in any of leads I, aVL, V6
21364		Missing

<i>CEBD50</i>		<i>ST Segment elevation (92x) II III aVF - Follow Up ECG</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
108	2	ST segment elevation = 1.0 mm in any of leads II, III, aVF
21331		Missing

<i>CEBD51</i>		<i>ST Segment elevation (92x) V1-V5 - Follow Up ECG</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
256	2	ST segment elevation = 1.0 mm in lead V5 or ST segment elevation = 2.0 mm in any of leads V1 - V4
21183		Missing

<i>CEBD52</i>		<i>R (3x) - Follow Up ECG</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
802	1	Left: R amplitude > 26 mm in either V5 or V6, or R amplitude > 20.0 mm in any of leads I, II, III, aVF, or R
2	2	Right: R amplitude = 5.0 mm and R amplitude = S amplitude in the majority of beats in lead V1, when S amplitude is > R amplitude somewhere to the left on the chest of V1
281	3	
20354		Missing

<i>CEBD53</i>		<i>A-V Conduction Defect (6xx) - Follow Up ECG</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
3	21	
10	1	Complete (third degree) A-V block (permanent or intermittent) in any lead. Atrial and ventricular complexes independent, and atrial rate faster than ventricular rate, with ventricular rate < 60
885	3	P-R (P-Q) interval = 0.22 sec in the majority of beats in any of leads I, II, III, aVL, aVF
221	5	Short P-R interval. P-R interval < 0.12 sec in all beats of any two of leads I, II, III, aVL, aVF
1127	8	Artificial pacemaker
6	22	Partial (second degree) A-V block in any lead (2:1 or 3:1 block)
14	23	Wenckebach's Phenomenon (P-R interval increasing from beat to beat until QRS and T dropped)
1	42	
19172		Missing

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CEBD54		Ventricular Conduction Defect (7xx) - Follow Up ECG
N	Value	Description
1	12	
16	7	
1	8	
193	3	Incomplete right bundle branch block. QRS duration < 0.12 sec in each of leads I, II, III, aVL, aVF, and R' > R in either of leads V1, V2
379	4	
179	5	
52	6	
1012	11	
1361	21	
1	22	
18244		Missing

CEBD55		Miscellaneous Items (9x) 1x - Follow Up ECG
N	Value	Description
1165	1	Low QRS amplitude. QRS peak-to-peak amplitude < 5 mm in all beats in each of leads I, II, III, or < 10 mm in all beats in each of leads V1 - V6
20274		Missing

CEBD56		Miscellaneous Items (9x) 3x - Follow Up ECG
N	Value	Description
36	3	P-wave amplitude = 2.5 mm in any of leads II, III, aVF, in a majority of beats. 9-4-1 QRS transition zone at V3 or to the right of V3 on the chest
21403		Missing

CEBD57		Miscellaneous Items (9x) 5x - Follow Up ECG
N	Value	Description
23	5	T-wave amplitude > 12 mm in any of leads I, II, III, aVL, aVF, V1 - V6
21416		Missing

CEBD58		U Wave (Blank) - Follow Up ECG
N	Value	Description
21439		Missing

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<i>CEBD59</i>		<i>Suppression 8 - Follow Up ECG</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
31	2	
60	4	
21348		Missing

<i>CEBD60</i>		<i>Technical Problem (98x) - Follow Up ECG</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
1081	1	Technical problems which interfere with coding
364	2	Technical problems which do not interfere with coding
19994		Missing

<i>CEBD61</i>		<i>Clear - Follow Up ECG</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
3935	0	
13565	1	
3939		Missing

<i>CEBD62</i>		<i>Suppression Pattern (6xx) - Follow Up ECG</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
1229	1	
16272	2	
3938		Missing

<i>CEBD63</i>		<i>Type Of Suppression (6xx) - Follow Up ECG</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
16272	0	
10	C	
31	F	
1127	P	
60	V	
1	W	
3938		Missing

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<i>CEBD64</i>		<i>Bundle Branch Block - Follow Up ECG</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
1012	1	
1361	2	
15128	3	
3938		Missing

<i>CEBD65</i>		<i>Major Q I AVL V6 - Follow Up ECG</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
195	1	
17306	2	
3938		Missing

<i>CEBD66</i>		<i>Minor Q I AVL V6 - Follow Up ECG</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
186	1	
17315	2	
3938		Missing

<i>CEBD67</i>		<i>Major Q II III AVF - Follow Up ECG</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
629	1	
16872	2	
3938		Missing

<i>CEBD68</i>		<i>Minor Q II III AVF - Follow Up ECG</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
582	1	
16919	2	
3938		Missing

<i>CEBD69</i>		<i>Major Q V1-V5 - Follow Up ECG</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
973	1	
16528	2	
3938		Missing

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<i>CEBD70</i>		<i>Minor Q V1-V5 - Follow Up ECG</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
786	1	
16715	2	
3938		Missing

<i>CEBD71</i>		<i>Third Or Last - Follow Up ECG</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
17501	L	
3938		Missing

<i>CEBD72</i>		<i>Condition 1 - Lead 1, ED1</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
40	1	
43	3	
1	4	
21355		Missing

<i>CEBD73</i>		<i>Condition 1 - Lead 2, ED1</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
104	1	
143	3	
6	4	
21186		Missing

<i>CEBD74</i>		<i>Condition 1 - Lead 3, ED1</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
156	1	
166	3	
6	4	
21111		Missing

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<i>CEBD75</i>		<i>Condition 2 - Lead 1, ED1</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
2	1	
4	3	
21433		Missing

<i>CEBD76</i>		<i>Condition 2 - Lead 2, ED1</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
6	1	
4	3	
21429		Missing

<i>CEBD77</i>		<i>Condition 2 - Lead 3, ED1</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
18	1	
35	3	
21386		Missing

<i>CEBD78</i>		<i>Condition 3 - Lead 1, ED2,3,4</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
2	1	
5	3	
21432		Missing

<i>CEBD79</i>		<i>Condition 3 - Lead 2, ED2,3,4</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
15	1	
33	3	
21391		Missing

<i>CEBD80</i>		<i>Condition 3 - Lead 3, ED2,3,4</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
14	1	
22	3	
21403		Missing

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<i>CEBD81</i>		<i>Condition 4 - Lead 1, ED5,6,7</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
37	1	
46	3	
21356		Missing

<i>CEBD82</i>		<i>Condition 4 - Lead 2, ED5,6,7</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
94	1	
211	3	
7	4	
21127		Missing

<i>CEBD83</i>		<i>Condition 4 - Lead 3, ED5,6,7</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
163	1	
215	3	
6	4	
21055		Missing

<i>CEBD84</i>		<i>Condition 5 - Lead 1, EV1-EV8</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
21439		Missing

<i>CEBD85</i>		<i>Condition 5 - Lead 2, EV1-EV8</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
21439		Missing

<i>CEBD86</i>		<i>Condition 5 - Lead 3, EV1-EV8</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
21439		Missing

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<i>CEBD87</i>		<i>Condition 7 - Lead 1, ED2,5,EV1</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
328	1	
78	3	
33	4	
21000		Missing

<i>CEBD88</i>		<i>Condition 7 - Lead 2, ED2,5,EV1</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
174	1	
22	3	
15	4	
21228		Missing

<i>CEBD89</i>		<i>Condition 7 - Lead 3, ED2,5,EV1</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
389	1	
77	3	
22	4	
20951		Missing

<i>CEBD90</i>		<i>Condition 8 - Lead 1, EV2</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
6	1	
10	3	
21423		Missing

<i>CEBD91</i>		<i>Condition 8 - Lead 2, EV2</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
1	1	
1	3	
21437		Missing

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<i>CEBD92</i>		<i>Condition 8 - Lead 3, EV2</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
8	1	
9	3	
21422		Missing

<i>CEBD93</i>		<i>Condition 9 - Lead 1, EV1</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
867	2	
111	3	
25	4	
20436		Missing

<i>CEBD94</i>		<i>Condition 9 - Lead 2, EV1</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
360	2	
33	3	
33	4	
21013		Missing

<i>CEBD95</i>		<i>Condition 9 - Lead 3, EV1</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
783	2	
84	3	
28	4	
20544		Missing

<i>CEBD96</i>		<i>Condition 10- Lead 1, EV2</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
30	2	
12	3	
1	4	
21396		Missing

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<i>CEBD97</i>		<i>Condition 10- Lead 2, EV2</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
7	2	
2	3	
21430		Missing

<i>CEBD98</i>		<i>Condition 10- Lead 3, EV2</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
44	2	
25	3	
1	4	
21369		Missing

<i>CEBD99</i>		<i>Cond 11- Lead 1, Ev6</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
1	2	
2	3	
21436		Missing

<i>CEBDFLAG</i>		<i>1= CEBD Form Is Present</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
21439	1	

<i>CONTYR</i>		<i>Contact Year - Surv. Record Seq. Number</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
21439	1	

<i>ID</i>		<i>ARIC Occurrence ID</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
21439	Present	Text suppressed