

**CHD Community Surveillance**

Data set name: S14SECA1\_NP

Community ECG

<i>ID</i>		<i>ARIC Occurrence ID</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
174774	Present	Text suppressed

<i>SECA01A</i>		<i>Sequence Order Of ECG: F, L, or T</i> <i>Q01a</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
71574	F	First
60434	L	Last
42766	T	Third

<i>SECA02</i>		<i>ECG Technician Code</i> <i>Q02</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
135364	999	
39410		Missing

<i>SECA03_YEAR</i>		<i>Year Of Date ECG Recorded</i> <i>Q03</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
174772	Range	1986 - 2015 ( median=1999 mean=1999.5 std=8.0 )
2		Missing

<i>SECA04_YEAR</i>		<i>Year Of Date ECG Sent</i> <i>Q04</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
174711	Range	1911 - 2058 ( median=2001 mean=2001.2 std=8.6 )
63		Missing

<i>SECA05_YEAR</i>		<i>Year Of Date ECG Coded</i> <i>Q05</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
174772	Range	1990 - 2016 ( median=2001 mean=2001.6 std=7.7 )
2		Missing

<i>SECA06</i>		<i>Reading Center Coder ID</i> <i>Q06</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
174772	Range	7 - 999 ( median=172 mean=388.0 std=381.0 )
2		Missing

**CHD Community Surveillance**

SECA07		Q-QS 1L	Q07
N	Value	Description	
830	11	Q/R amplitude ratio = 1/3, plus Q duration = 0.03 sec in lead I or V6.	
69	12	Q duration = 0.04 sec in lead I or V6.	
339	13	Q duration = 0.04 sec, plus R amplitude = 3 mm in lead aVL.	
1	16		
696	21	Q/R amplitude ratio = 1/3, plus Q duration = 0.02 sec and < 0.03 sec in lead I or V6.	
272	22	Q duration = 0.03 sec and < 0.04 sec in lead I or V6.	
429	23	QS pattern in lead I. Do not code in the presence of 7-1-1.	
119	28		
653	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.	
976	33	Q duration = 0.03 sec and < 0.04 sec, plus R amplitude = 3 mm in lead aVL.	
170390		Missing	

SECA08		Q-QS 23	Q08
N	Value	Description	
18192	Range	11 - 36 ( median=25 mean=26.1 std=7.9 )	
156582		Missing	

SECA09		Q-QS V1	Q09
N	Value	Description	
2426	11	Q/R amplitude ratio = 1/3 plus Q duration = 0.03 sec in any of leads V2-V5.	
840	12	Q duration = 0.04 sec in any of leads V1-V5	
4572	16	QS pattern when initial R-wave is present in adjacent lead to the right on the chest, in any of leads V2-V6	
1485	17	QS pattern in all of leads V1-V4 or V1-V5. 1-2-1 Q/R amplitude ratio ! 1/3, plus Q duration = 0.02	
507	21	Q/R amplitude ratio = 1/3, plus Q duration = 0.02 sec and < 0.03 sec, in any of leads V2-V5.	
239	22	Q duration = 0.03 sec and < 0.04 sec in any of leads V2-V5.	
2684	27	QS pattern in all of leads V1, V2, and V3. (Do not code in the presence of 7-1-1).	
1584	28	Initial R amplitude decreasing to 2.0 mm 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 >	
277	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.	
5491	32	QS pattern in lead V1 and V2. (Do not code in the presence of 3-1 or 7-1-1.)	
154669		Missing	

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SECA10		S-T Junction & Segment 1L	Q10
N	Value	Description	
11805	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.	
9458	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.	
647	4		
1304	11		
6186	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.	
145374		Missing	

SECA11		S-T Junction & Segment 23	Q11
N	Value	Description	
3705	2	STJ depression = 0.5 mm and < 1.0 mm and ST segment horizontal or downward sloping in lead II or aVF.	
3277	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.	
369	4		
237	11		
1564	12	STJ depression = 1.0 mm but < 2.0 mm and ST segment horizontal or downward sloping in lead II or aVF.	
165622		Missing	

SECA12		S-T Junction & Segment V1	Q12
N	Value	Description	
8346	2	STJ depression = 0.5 mm and < 1.0 mm and ST segment horizontal or downward sloping in any of leads V1 - V5	
4112	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	
1627	4	STJ depression = 1.0 mm and ST segment upward sloping or U-shaped in any of leads V1 - V5	
2315	11	STJ depression = 2.0 and ST segment horizontal or downward sloping in any of leads V1-V5	
6408	12	STJ depression = 1.0 mm but < 2.0 mm and ST segment horizontal or downward sloping in any of leads V1, V2, V3, V4, V5	
151966		Missing	

**CHD Community Surveillance**

SECA13		T Wave Items 1L	Q13
N	Value	Description	
1168	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.	
37107	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	
32876	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	
185	4	T amplitude positive and T/R amplitude ratio < 1/20 in any of leads I, aVL, V6; R wave amplitude must be = 10.0 mm.	
103438		Missing	

SECA14		T Wave Items 23	Q14
N	Value	Description	
186	1		
14911	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.	
17871	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.	
46	4	T amplitude positive and T/R amplitude ratio < 1/20 in lead II; R wave amplitude must be = 10.0 mm.	
141760		Missing	

SECA15		T Wave Items V1	Q15
N	Value	Description	
4070	1	T amplitude negative 5.0 mm or more in any of leads V2, V3, V4, V5.	
34635	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	
17232	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	
216	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.	
118621		Missing	

SECA16		ST Segments 1L	Q16
N	Value	Description	
2326	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.	
172448		Missing	

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SECA17		ST Segments 23	Q17
N	Value	Description	
4984	2	STJ depression = 0.5 mm and < 1.0 mm and ST segment horizontal or downward sloping in lead II or aVF.	
169790		Missing	

SECA18		ST Segments V1	Q18
N	Value	Description	
6983	2	ST segment elevation = 1.0 mm in lead V5 or ST segment elevation ! 2.0 mm in any of leads V1-V4.	
167791		Missing	

SECA19		R 3x	Q19
N	Value	Description	
8673	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 amplitude > 12.0 mm in lead aVL	
66	2		
3677	3	Left (optional code when 3-1 is not present): R amplitude > 15.0 mm but " 20.0 mm in lead I, or R amplitude in V5 or V6, plus S amplitude in V1 > 35.0 mm. (Measured only on second to last complete normal beat.)	
162358		Missing	

SECA20		A-V Conduction Defect 6x	Q20
N	Value	Description	
80	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.	
1266	3	P-R (P-Q) interval = 0.22 sec in the majority of beats in any of leads I, II, III, aVL, aVF	
630	5	Short P-R interval. P-R interval < 0.12 sec in all beats of any two of leads I, II, III, aVL, aVF	
9	6		
5094	8	Artificial pacemaker	
23	21	Mobitz Type II (occurrence of P-wave on time with dropped QRS and T)	
36	22	Partial (second degree) A-V block in any lead (2:1 or 3:1 block)	
45	23	Wenckebach's Phenomenon (P-R interval increasing from beat to beat until QRS and T dropped)	
38	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	
1	42		
167552		Missing	

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SECA21		Ventricular Conduction Defect 7x	Q21
N	Value	Description	
568	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.)	
3046	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.)	
563	5	R-R' pattern in either of leads V1, V2 with R' amplitude = R.	
726	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.	
36	7		
27	8		
7477	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 sam	
36	12		
8853	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	
3	22		
153439		Missing	

SECA22		Miscellaneous Items 91	Q22
N	Value	Description	
8345	1		
166429		Missing	

SECA23		Miscellaneous Items 93	Q23
N	Value	Description	
494	3		
174280		Missing	

SECA24		Miscellaneous Items 95	Q24
N	Value	Description	
634	5		
174140		Missing	

SECA25		Miscellaneous Items U - Blank	Q25
N	Value	Description	
174774		Missing	

**CHD Community Surveillance**

SECA26		Heart Rate Per Minute	Q26
N	Value	Description	
173823	Range	1 - 999 ( median=78 mean=82.5 std=29.4 )	
951		Missing	

SECA27		Supp 8	Q27
N	Value	Description	
394	2		
1056	4		
173324		Missing	

SECA28		Tech Problem	Q28
N	Value	Description	
8627	1		
846	2		
165301		Missing	

SECA29		Clear 10	Q29
N	Value	Description	
43023	0		
131727	1		
24		Missing	

SECA30		Suppression Pattern	Q30
N	Value	Description	
6656	1		
168115	2		
3		Missing	

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SECA31		Type Of Suppressions	Q31
<i>N</i>	<i>Value</i>	<i>Description</i>	
129668	0		
80	C		
394	F		
5087	P		
1056	V		
39	W		
38450		Missing	

SECA32		Bundle Branch Block	Q32
<i>N</i>	<i>Value</i>	<i>Description</i>	
7477	1		
8853	2		
158441	3		
3		Missing	

SECA33		Major Q I aVL V6	Q33
<i>N</i>	<i>Value</i>	<i>Description</i>	
2635	1		
172136	2		
3		Missing	

SECA34		Minor Q I aVL V6	Q34
<i>N</i>	<i>Value</i>	<i>Description</i>	
1748	1		
173023	2		
3		Missing	

SECA35		Major Q II III aVF	Q35
<i>N</i>	<i>Value</i>	<i>Description</i>	
9286	1		
165485	2		
3		Missing	



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SECA36		Minor Q II III aVF	Q36
<i>N</i>	<i>Value</i>	<i>Description</i>	
7132	1		
167639	2		
3		Missing	

SECA37		Major Q V1-V5	Q37
<i>N</i>	<i>Value</i>	<i>Description</i>	
12753	1		
162018	2		
3		Missing	

SECA38		Minor Q V1-V5	Q38
<i>N</i>	<i>Value</i>	<i>Description</i>	
7352	1		
167419	2		
3		Missing	

SECAFLAG		1= SECA Form Is Present	
<i>N</i>	<i>Value</i>	<i>Description</i>	
174774	1		