

**Section 1: Derived Variable File**

Derived Variable Dataset: FORM CODE=ABI\_DERV VERSION=1.0

**Instructions:** Derived variables for ABI.

<i>Occurrence</i>		<i>Occurrence</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
5683	1	

<i>Vers</i>		<i>Vers</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
5683	0100	

<i>ABI11</i>		<i>Aric Technician Identifier, Examiner</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
5669	Present	Text suppressed
14		Missing

<i>NUM_RECORDS</i>		<i>NUM_RECORDS</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
169	1	1
4869	2	2
585	3	3
58	4	4
2	5	5

<i>Good</i>		<i>Good</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
554	0	0
1120	1	1
3889	2	2
113	3	3
7	4	4

<i>ABI4</i>		<i>Age, Age</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
5680	Range	16 - 90 ( median=75 mean=75.4 std=5.2 )
3		Missing

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<i>ABI5</i>		<i>Body Height, Height</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
5682	Range	137 - 199 ( median=165 mean=165.7 std=9.6 )
1		Missing

<i>ABI6</i>		<i>Body Mass, Weight</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
1174	Range	30.1 - 201 ( median=81.15 mean=83.314 std=19.822 )
4509		Missing

<i>ABI7</i>		<i>Right Abi, Rabi</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
5610	Range	0.355 - 1.71 ( median=1.145 mean=1.1304 std=0.1374 )
73		Missing

<i>ABI8</i>		<i>Left Abi, Labi</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
5601	Range	0.405 - 1.94 ( median=1.145 mean=1.1287 std=0.1356 )
82		Missing

<i>ABI9</i>		<i>Right Brachial-Ankle Pulse Wave Velocity, Rbapvw</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
5609	Range	611 - 4526 ( median=1698.5 mean=1745.50 std=351.30 )
74		Missing

<i>ABI10</i>		<i>Left Brachial-Ankle Pulse Wave Velocity, Lbapvw</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
5603	Range	603 - 9032 ( median=1652 mean=1703.3 std=376.0 )
80		Missing

<i>ABI20</i>		<i>Right Brachial Systolic Bp, Rbsys</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
5583	Range	76 - 232.5 ( median=136 mean=137.6 std=17.8 )
100		Missing

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<i>ABI21</i>		<i>Right Brachial Mean Bp, Rbmap</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
5583	Range	52.05 - 157 ( median=99.75 mean=100.377 std=13.151 )
100		Missing

<i>ABI22</i>		<i>Right Brachial Diastolic Bp, Rbdia</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
5583	Range	40.25 - 120.95 ( median=72.35 mean=72.861 std=9.975 )
100		Missing

<i>ABI23</i>		<i>Left Brachial Systolic Bp, Lbsys</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
5545	Range	78.5 - 229.5 ( median=136.5 mean=137.84 std=17.54 )
138		Missing

<i>ABI24</i>		<i>Left Brachial Mean Bp, Lbmap</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
5545	Range	54.8 - 154.8 ( median=99.5 mean=100.28 std=12.96 )
138		Missing

<i>ABI25</i>		<i>Left Brachial Diastolic Bp, Lbdia</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
5545	Range	33.25 - 120.75 ( median=72.5 mean=72.97 std=9.86 )
138		Missing

<i>ABI26</i>		<i>Right Ankle Systolic Bp, Rasys</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
5611	Range	47 - 256 ( median=158.4 mean=157.73 std=25.60 )
72		Missing

<i>ABI27</i>		<i>Right Ankle Mean Bp, Ramap</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
5610	Range	35.1 - 219.2 ( median=102.3 mean=102.45 std=15.17 )
73		Missing

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<i>ABI28</i>		<i>Right Ankle Diastolic Bp, Radia</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
5611	Range	21.9 - 183.6 ( median=72.5 mean=72.78 std=11.59 )
72		Missing

<i>ABI29</i>		<i>Left Ankle Systolic Bp, Lasys</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
5602	Range	52.15 - 259.3 ( median=157.9 mean=157.47 std=25.34 )
81		Missing

<i>ABI30</i>		<i>Left Ankle Mean Bp, Lamap</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
5601	Range	32.75 - 159.75 ( median=101.9 mean=102.26 std=15.16 )
82		Missing

<i>ABI31</i>		<i>Left Ankle Diastolic Bp, Ladia</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
5601	Range	21.1 - 127.7 ( median=72.55 mean=72.921 std=11.562 )
82		Missing

<i>ABI32</i>		<i>Heart Rate (Via Ecg), Hr</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
5647	Range	32.5 - 184.5 ( median=64 mean=65.5 std=12.1 )
36		Missing

<i>ABI33</i>		<i>Pulse Rate (Via Brachial Cuff), Pr</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
5680	Range	27.5 - 116.66666667 ( median=63.5 mean=64.35 std=10.52 )
3		Missing

<i>ABI37</i>		<i>Heart-Right Ankle Pulse Wave Velocity, Rhapwv</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
5089	Range	476 - 2762 ( median=1105.5 mean=1114.08 std=157.76 )
594		Missing

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<i>ABI38</i>		<i>Heart-Left Ankle Pule Wave Velocity, Lhapvw</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
5084	Range	415 - 2361 ( median=1088.25 mean=1099.102 std=161.835 )
599		Missing

<i>ABI41</i>		<i>Time Between Q-Wave )ecg) And 2nd Heart Sound, Q2</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
5400	Range	197 - 635.5 ( median=407 mean=406.6 std=33.5 )
283		Missing

<i>ABI43</i>		<i>Ejection Time (Based On Right Brachial Cuff), Rbet</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
5370	Range	172 - 554 ( median=302 mean=301.5 std=29.1 )
313		Missing

<i>ABI44</i>		<i>Ejection Time (Based On Left Brachial Cuff, Lbet</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
5334	Range	191 - 550 ( median=302 mean=301.7 std=29.5 )
349		Missing

<i>ABI48</i>		<i>Right Brachial Artery Augmentation Index, Rbai</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
5185	Range	-34.8 - 58 ( median=10.35 mean=8.138 std=13.606 )
498		Missing

<i>ABI49</i>		<i>Time Difference Between P1 And P2 On Right Brachail Bp, Rbaitt</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
5185	Range	3 - 247 ( median=89.5 mean=91.36 std=26.94 )
498		Missing

<i>ABI50</i>		<i>50. Rbaiform</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
5185	Range	1 - 4 ( median=4 mean=3.0 std=1.2 )
498		Missing

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<i>ABI51</i>		<i>Left Brachial Artery Augmentation Index, Lbai</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
5148	Range	-37.5 - 56.45 ( median=11.3 mean=9.52 std=13.37 )
535		Missing

<i>ABI52</i>		<i>Time Difference Between P1 And P2 On Left Brachial Bp, Lbaitt</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
5148	Range	9.5 - 254 ( median=87.416666667 mean=89.4677318052 std=27.9695209037 )
535		Missing

<i>ABI53</i>		<i>53. Lbaiform</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
5148	Range	1 - 4 ( median=4 mean=3.1 std=1.2 )
535		Missing

<i>ABI56</i>		<i>Percent Mean Bp On Right Brachial Bp Waveform, Rbpmap</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
5583	Range	33.45 - 58.7 ( median=46.2 mean=46.22 std=2.80 )
100		Missing

<i>ABI57</i>		<i>Percent Mean Bp On Left Brachial Bp Waveform, Lbpmap</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
5545	Range	35.2 - 59.3 ( median=46.05 mean=46.102 std=2.755 )
138		Missing

<i>ABI58</i>		<i>Percent Mean Bp On Right Ankle Bp Waveform, Rapmap</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
5611	Range	24.8 - 59.5 ( median=37.1 mean=37.42 std=4.16 )
72		Missing

<i>ABI59</i>		<i>Percent Mean Bp On Left Ankle Bp Waveform, Lapmap</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
5603	Range	24.6 - 62.25 ( median=36.75 mean=37.045 std=4.263 )
80		Missing

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<i>ABI62</i>		<i>Upstroke Time On Right Brachial Bp Waveform, Rbut</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
5583	Range	77.666666667 - 285 ( median=159.5 mean=164.02 std=33.33 )
100		Missing

<i>ABI63</i>		<i>Upstroke Time On Left Brachial Bp Waveform, Lbut</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
5545	Range	85.666666667 - 351 ( median=162.5 mean=168.01 std=34.52 )
138		Missing

<i>ABI64</i>		<i>Upstroke Time On Right Ankle Bp Waveform, Raut</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
5610	Range	106 - 452 ( median=140.5 mean=148.60 std=30.63 )
73		Missing

<i>ABI65</i>		<i>Upstroke Time On Left Ankle Bp Waveform, laut</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
5603	Range	106 - 437 ( median=138.5 mean=146.70 std=30.90 )
80		Missing

<i>ABI68</i>		<i>Pre-Ejection Period, Pep</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
5399	Range	-42 - 393 ( median=96 mean=96.2 std=23.0 )
284		Missing

<i>ABI69</i>		<i>Ejection Time Adjusted Form 70 Bpm Heart Rate, Etc</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
5417	Range	-18 - 536.5 ( median=299.5 mean=300.33 std=33.93 )
266		Missing

<i>ABI70</i>		<i>Body Surface Distance Between Arotid And Femoral Artery, Lcf</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
5642	Range	33 - 89 ( median=51 mean=51.6 std=4.4 )
41		Missing

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<i>ABI34</i>		<i>Heart-Carotid Pulse Wave Velocity, Hcpwv</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
4940	Range	279 - 9999 ( median=1063.75 mean=1169.202 std=513.215 )
743		Missing

<i>ABI35</i>		<i>Heart-Femoral Pulse Wave Velocity, Hfpwv</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
4940	Range	426 - 2476.5 ( median=1138 mean=1161.5 std=247.9 )
743		Missing

<i>ABI36</i>		<i>Carotid-Femoral Pulse Wave Velocity, Cfpwv</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
5129	Range	301 - 9999 ( median=1128 mean=1180.2 std=381.8 )
554		Missing

<i>ABI39</i>		<i>Femoral-Right Ankle Pulse Wave Velocity, Rfapwv</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
5061	Range	442 - 4826 ( median=1084.5 mean=1104.47 std=220.53 )
622		Missing

<i>ABI40</i>		<i>Femoral-Left Ankle Pule Wave Velocity, Lfapwv</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
5059	Range	357 - 3925 ( median=1051.5 mean=1071.74 std=210.13 )
624		Missing

<i>ABI42</i>		<i>Ejection Time (Based On Carotid Waveform), Capet</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
5045	Range	117 - 595 ( median=309.5 mean=310.08 std=33.52 )
638		Missing

<i>ABI45</i>		<i>Carotid Augmentation Index, Capai</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
4942	Range	-54.75 - 98.3 ( median=19.95 mean=19.073 std=16.452 )
741		Missing



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<i>ABI46</i>		<i>Time Difference Between P1 And P2 On Carotid Bp, Capa1tt</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
4942	Range	36 - 251.5 ( median=121.5 mean=121.66 std=27.17 )
741		Missing

<i>ABI47</i>		<i>47. Capaiform</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
191	1	1
103	1.5	1.5
509	2	2
408	2.5	2.5
2483	3	3
570	3.5	3.5
678	4	4
741		Missing

<i>ABI54</i>		<i>Percent Mean Bp On Carotid Bp Waveform, Cappmap</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
5128	Range	6.4 - 107.4 ( median=40.9 mean=40.86 std=4.65 )
555		Missing

<i>ABI55</i>		<i>Percent Mean Bp On Femoral Bp Waveform, Fappmap</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
5128	Range	21.4 - 66 ( median=39.4 mean=39.50 std=3.39 )
555		Missing

<i>ABI60</i>		<i>Upstrok Time On Carotid Bp Waveform, Caput</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
5045	Range	21 - 301 ( median=74 mean=77.7 std=20.5 )
638		Missing

<i>ABI61</i>		<i>Upstroke Time On Femoral Bp Waveform, Faput</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
5128	Range	29 - 288.5 ( median=157 mean=155.6 std=31.4 )
555		Missing

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<i>ABI66</i>		<i>Estimated Carotid Systolic Bp, Csys</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
5128	Range	81 - 1588.5 ( median=142.5 mean=145.90 std=42.28 )
555		Missing

<i>ABI67</i>		<i>Ejection Time (Based On Carotid Waveform, Et</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
5045	Range	117 - 595 ( median=309.5 mean=310.08 std=33.52 )
638		Missing

<i>MorbidObese</i>		<i>Morbid Obesity (Bmi&gt;=40) (1=yes, 0=no)</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
5465	0	No
204	1	Yes
14		Missing

<i>ECG_FLAG</i>		<i>Ecg_flag Present =1</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
148	0	Not present
34	1	Present
5501		Missing