

Table 9.4: Electrocardiographic Results^{1,2}

| | Total (N=1002) | Age Group | | | Disability Level | | |
|--|-------------------|------------------|------------------|----------------|----------------------------------|--------------------------------|-----------------------------|
| | | 65-74 (N=388) | 75-84 (N=311) | 85+ (N=303) | Moderate ³ (N=343) | ADL Difficulty | |
| | | | | | | Receives No Help (N=478) | Receives Help (N=181) |
| Number with valid ECG ⁴ | 953 | 370 | 299 | 284 | 327 | 454 | 172 |
| Percent with valid ECG ⁴ | 95.5 | 95.5 | 96.2 | 93.8 | 95.5 | 95.1 | 96.6 |
| Heart rate (beats per minute) ⁵ | | | | | | | |
| 60 or less (%) | 18.8 | 18.5 | 20.5 | 14.5 | 19.3 | 20.1 | 13.9 |
| 61-90 (%) | 75.2 | 72.7 | 75.1 | 83.1 | 75.2 | 75.1 | 75.7 |
| Over 90 (%) | 6.0 | 8.8 | 4.4 | 2.4 | 5.5 | 4.8 | 10.4 |
| Mean heart rate | 71.4 | 72.5 | 70.6 | 70.5 | 70.9 | 70.7 | 74.4 |
| Electrocardiographic abnormalities (%) ⁶ | | | | | | | |
| Major Q/QS waves ⁷ | 8.3 | 7.6 | 8.7 | 9.4 | 6.3 | 9.0 | 10.4 |
| Left ventricular hypertrophy ⁷ | 1.2 | 0.5 | 1.1 | 3.5 | 1.0 | 1.5 | 0.9 |
| Isolated major ST-T wave abnormalities ⁷ | 0.6 | 0.3 | 0.9 | 0.8 | 0.4 | 0.7 | 0.9 |
| Atrial fibrillation or flutter | 4.2 | 3.3 | 4.4 | 6.7 | 5.2 | 2.7 | 6.5 |
| First-degree atrioventricular block ⁸ | 7.3 | 4.8 | 9.3 | 8.9 | 5.1 | 7.6 | 10.8 |
| Ventricular conduction defects ⁹ | 11.8 | 8.7 | 13.9 | 15.4 | 9.5 | 13.1 | 12.9 |
| Left bundle branch block | 2.2 | 1.6 | 2.7 | 2.8 | 2.1 | 2.2 | 2.6 |
| Right bundle branch block | 4.6 | 2.6 | 5.7 | 7.8 | 2.3 | 6.1 | 5.6 |
| Intraventricular block of indeterminate type | 4.9 | 4.4 | 5.5 | 4.9 | 5.1 | 4.8 | 4.8 |
| Any electrocardiographic abnormality above | 29.2 | 22.6 | 33.1 | 38.2 | 23.0 | 31.0 | 37.2 |

(Women's Health and Aging Study, physical assessment, 1992-1995)

¹ All variables have less than 1% missing data for participants with valid ECG. Results are for participants with valid ECG and are based on non-missing data.

² Descriptive statistics are based on weighted data.

³ No ADL difficulty; disabled in two or more domains (see Chapter 1).

⁴ Participants with electronic pacemakers were not included.

⁵ Categories may not add up to 100% due to rounding.

⁶ See text for definitions of ECG abnormalities.

⁷ Diagnosis not applied to participants with ventricular conduction defects.

⁸ Diagnosis not applied to participants with atrial fibrillation or flutter.

⁹ Categories may not add up to the percent with ventricular conduction defects due to rounding.