

**Table 1**

Prevalence of Seven Medical Diseases with a Genetic Component, Compared to National Statistics

Condition	Participant	Mother	Father	Brother	Sister	National Statistics
Diabetes	11.6	12.5	9.7	8.9	8.2	26.9 <sup>a</sup>
Myocardial infarction	8.1	10.6	32.6	11.7	3.9	18.3–24.7 <sup>b</sup>
Stroke	2.1	19.1	10.6	1.8	2.0	6.5–10.5 <sup>c</sup>
Hypertension	48.2	33.0	28.9	27.3	17.8	71.2 <sup>d</sup>
Lung cancer	1.6	5.0	6.0	3.3	3.1	0.33–0.65 <sup>e</sup>
Prostate cancer	12.8	NA	9.7	3.8	NA	4.8–10.8 <sup>f</sup>
Colon or rectal cancer	0.63	4.1	3.4	2.1	1.1	0.85–1.7 <sup>g</sup>

<sup>a</sup> Ages 65 and older, male and female, all ethnicities. American Diabetes Association. “Executive Summary: Standards of Medical Care in Diabetes—2010.” *Diabetes Care* 33 (2010): S4–S10.

<sup>b</sup> Ages 65–74 and 75 and older, male and female, all ethnicities. Centers for Disease Control and Prevention. “Vital Signs: Prevalence, Treatment and Control of Hypertension—United States, 1999–2002 and 2005–2008.” *Morbidity and Mortality Weekly Report (MMWR)*. February 4, 2011. Available at <http://www.cdc.gov/mmwr/preview/mmwrhtml/mm6004a4.htm> (accessed August 13, 2013).

<sup>c</sup> Ages 65–74 and 75 and older, male and female, all ethnicities. Centers for Disease Control and Prevention. “Vital Signs: Prevalence, Treatment and Control of Hypertension—United States, 1999–2002 and 2005–2008.” *Morbidity and Mortality Weekly Report (MMWR)*. February 4, 2011. Available at <http://www.cdc.gov/mmwr/preview/mmwrhtml/mm6004a4.htm> (accessed August 13, 2013).

<sup>d</sup> Ages 65 and older, white, male and female, on treatment. National Cancer Institute. “Surveillance Epidemiology and End Results.” Available at <http://seer.cancer.gov/> (accessed January 10, 2013).

<sup>e</sup> Ages 60–69 and 70–79, male, white. National Diabetes Information Clearinghouse. “National Diabetes Statistics, 2011.” Available at <http://www.diabetes.niddk.nih.gov/dm/pubs/statistics> (accessed January 3, 2013).

<sup>f</sup> Ages 60–69 and 70–79, male, white. National Diabetes Information Clearinghouse. “National Diabetes Statistics, 2011.” Available at <http://www.diabetes.niddk.nih.gov/dm/pubs/statistics> (accessed January 3, 2013).

<sup>g</sup> Ages 60–69 and 70–79, male, white. National Diabetes Information Clearinghouse. “National Diabetes Statistics, 2011.” Available at <http://www.diabetes.niddk.nih.gov/dm/pubs/statistics> (accessed January 3, 2013).