

Appendix 1. Hispanic American participation in prospective cohort studies in the U.S., by size (largest to smallest)

Cohort	Authors, Year	Focus	Location	Population	# subjects	Biological samples (n)
Kaiser Permanente Southern California (KPSC) Children's health study	Koebnick C, et al., 2007	Childhood obesity	Southern California	Multi-ethnic, children aged 2-19	920 034 (approx. 50% Hispanic)	None
The Multiethnic Cohort	Henderson BE, et al., 1993	Diet and cancer	Hawaii, California	Latino, African-American, Japanese-American, Native Hawaiian, NHW	215 000 (47 438 Latino)	Blood, Urine (~15 427 Latino samples)*
California Teacher's Study	Bernstein L, et al., 2002-	Current and former public school teachers and administrators	California	Non-Hispanic whites, African-American, Hispanic, Asian and Pacific Island women	133 479 (~5% Hispanic)	Blood, Saliva (~2000 samples)*
California Men's Health Study	Caan, et al., 2000	Prostate cancer	California	Hispanics, Blacks, whites, aged 45 to 69	84 170 (11 428 Latinos)	None
Health and Retirement Study	Weir DR, et al., 1992	Health, retirement, aging	National	Multi-ethnic, over age 50 (oversampling of Hispanics)	>37 000 (approx. 9% Hispanic)	Blood, Saliva (~1405 samples)*
Mano A Mano cohort study	Chow W, Wu X, et al, 2001-	Role of genetic, acculturation and sociodemographic factors in cancer and chronic disease	Houston, Texas	Mexican-Americans	25 483 MAs	Blood, saliva, and urine (56%, 63% and 43% of all participants, respectively)
Diabetes Study of Northern California (DISTANCE)	Moffet HH, et al., 2005	Diabetes	Northern California	Multi-ethnic, aged 30-75	20 188 (3717 Latinos)	None
Hispanic Community Health Study/ Study of Latinos	Aviles-Santa L, et al., 2008-	Prevalence and development of disease in Hispanics/Latinos, role of acculturation, risk factors	Bronx, Chicago, Miami, San Diego	Hispanic/ Latinos, aged 18 to 74 years	16 415	Blood, urine (15 643 samples)
Dallas Heart Study	Victor RG, Hobbs HH, 2000	Cardiovascular health	Dallas County, Texas	Blacks, non-Hispanic whites, Hispanics, aged 18 to 65	6101 (approx. 14% Hispanic)	Blood, urine (~475 participants aged 30-65)*

Northern Manhattan Study	Elkind M, et al., 1993	Stroke	Northern Manhattan	Hispanic, black, white	4400	Blood
San Antonio Heart Study	Stern M, Lorenzo C, et al., 1979, 1988	Diabetes and Cardiovascular Disease	San Antonio	Mexican Americans and non-Hispanic whites, aged 25-64 years	3301 MAs	Blood
Hispanic Established Populations for the Epidemiology Study of the Elderly (HEPESE)	Markides KS, et al., 1993	Physical and health conditions in older Mexican-Americans	Arizona, California, Colorado, New Mexico, Texas	Mexican-Americans, aged 65 and older	3050	None
Life After Cancer Epidemiology Study (LACE)	Caan B, Sternfeld B, et al., 2000	Breast cancer survivors	Northern California, Utah	Multi-ethnic, diagnosed with breast cancer, aged 18-79	2321 (6% Hispanic)	None
Lovelace Smokers Cohort	Tesfaigzi Y, 2000	COPD, lung cancer	New Mexico	Hispanic, NHW, smokers aged 40-75	2300 (369 Hispanic)	DNA (307 samples)
Cameron County Hispanic Cohort	Fisher-Hoch SP, et al., 2003	Obesity, diabetes	Texas	Mexican Americans, aged 18 and older	2000	Blood (1847 participants)
Texas Harris Alzheimer's Research Study	O'Bryant SE, et al., 2009	Alzheimer's disease	Texas	Patients with AD and mild cognitive impairment; large % Mexican-American participants	2000	Blood
Boston Area Community Health survey	Piccolo RS, et al., 2002	Minority health, urologic signs/symptoms, type 2 diabetes	Boston	Multi-ethnic	1876 Hispanic	Blood (68% of all subjects), DNA
Sacramento Area Latino Study on Aging	Gonzalez HM, et al., 1998	Mortality, dementia	California	Mexican Americans, aged 60 or older	1789	None
Multi-ethnic Study of Atherosclerosis	Olson J, et al., 2000	Cardiovascular disease	NY, Baltimore, Chicago, LA, Minnesota, North Carolina	Multi-ethnic (22% Hispanic), aged 45-84	1496	Blood, urine (1496 samples)
Latina Gestational Diabetes Study/	Chasan-Taber L, et	Gestational diabetes	Massachusetts	Puerto Rican, Dominican, pregnant	1231	Blood

Proyecto Buena Salud	al.,2000, 2006			women, aged 16-40		
Viva la Familia Study	Butte NF, et al., 2000	Childhood obesity	Texas	Hispanic children	1030	Blood (1030)
IRAS/ IRAS Family Study	Bergman RN, Wagenknecht LE, et al., 1992, 1999	Insulin Resistance, Atherosclerosis, Visceral Adiposity	multi-center	African American, Hispanic, non-Hispanic white, aged 18-81	1000	Blood, urine
SUNSHINE cohort (follow up of SHINE 4-Corners Breast Cancer Study)	Sedjo RL, et al., 2007	Breast cancer, women's health	Arizona, Colorado	Non-Hispanic whites, Hispanics	650 (204 Hispanics)	None
Project FRONTIER (Cochran County Aging Study)	O'Bryant SE, Lambert M, et al., 2008	Aging, cognitive health, rural health	Texas	Multiethnic rural adults aged 40 and above	519 (235 Hispanics)	Blood
San Antonio Longitudinal Study of Aging	Gonzalez H, et al., 1992-	Mortality, Aging	San Antonio	Mexican Americans, European Americans, aged 65 to 80	394 MAs	None
Hispanic Chronic Renal Insufficiency Cohort Study	Lash JP, et al., 2005-2008	Chronic Kidney Disease	Chicago	Mexican American, Puerto Rican, other Latin American, aged 21-74 with CKD	327 MAs	Blood, urine (327 samples each)

Note. * indicates approximate amounts based on reported percentages of Hispanic or Latino in the cohort