

PUERTO RICO
EVENT DATA

EXAM 1 DATA
CHD INCIDENCE EXAM 4, MORTALITY 12 YEARS

SAS NAME: PREVENT
SAS VARIABLE NAMES: NEWID PE2-PE99 BM1

RECORDS = 9824

9999, 9 UNKNOWNNS SET TO DOT (.)

<u>VARIABLE</u>	<u>SOURCE</u>	<u>INFORMATION</u>
NEWID		RANDOM ID NUMBER 4268-999922948 DATA MODIFIED TO PROTECT CONFIDENTIALITY
PE2	CALCULATED FROM 20/9-12 AND 05/21-23 IN LBS.	CALORIES PER KILOGRAM OF WEIGHT 0 NO DIET INTAKE (1 SUBJECT) 3-136 AS CALCULATED CAL/KG 9999 UNKNOWN (57 SUBJECTS)
PE3	01/27-28	AGE IN YEARS GROUPED AT EXAM 1 1 35-39 YEARS 2 40-44 YEARS 3 45-49 YEARS 4 50-54 YEARS 5 55-59 YEARS 6 60-64 YEARS 7 65-69 YEARS 8 70-74 YEARS 9 75-79 YEARS NO UNKNOWNNS
PE4	CALCULATED	AGE IN YEARS GROUPED, AT EXAM 1 (10 YEAR CODE) 0 LESS THAN 45 YEARS 1 45-54 YEARS 2 55-64 YEARS 3 65 OR MORE YEARS NO UNKNOWNNS
PE5	CALCULATED	AGE IN YEARS GROUPED, AT EXAM 1 (5 YEAR CODE) 0 LESS THAN 45 YEARS 1 45-49 YEARS 2 50-54 YEARS 3 55-59 YEARS 4 60-64 YEARS 5 65 OR MORE YEARS NO UNKNOWNNS
PE6		MUNICIPALITY AT EXAM 1 SET TO DOT (.) TO PROTECT CONFIDENTIALITY

* DECK COLUMN

<u>Variable Number</u>	<u>Source</u>	<u>Information</u>
PE 7	Coded from 01/74	<u>Urban-Rural zone</u> 1 Rural 2 Urban No unknowns
PE 8	Calculated from 05/21-26	<u>Percent weight gain/loss</u> 2 25 0 illegal code, exclude as unknown (1 subject) 59-238 percent gain or loss +100% 9999 unknown (547 subjects)
PE 9	01/33	<u>Years lived in municipality</u> 0 less than 1 year 1-7 one to 7 years 8 eight years to all his life 9999 unknown (28 subjects)
PE 10	01/34	<u>Place lived prior to present residence</u> 0 always lived in stated municipality 1 urban 2 rural 9999 unknown (34 subjects)
PE 11	02/9	<u>Marital status</u> 1 single 2 married 3 widowed 4 divorced or separated 9999 unknown (32 subjects)
PE 12	02/10	<u>Educational level completed by subject</u> 0 none 1 grades 1-4 2 grades 5-8 3 high school - attended 4 high school - graduated 5 university - attended 6 university - graduated 9999 Unknown (21 subjects)

<u>Variable Number</u>	<u>Source</u>	<u>Information</u>
PE 13	02/13	<u>Occupational level of subject</u> 0 unskilled - outside worker 1 unskilled - inside worker 2 skilled - outside 3 skilled - inside 4 office - sales - outside 5 office - sales - inside 6 supervisors, administrator - outside 7 supervisors, administrator - inside 8 executive - professional 9999 unknown (72 subjects)
PE 14	02/16-15	<u>Monthly income in dollars</u> 0-9998 dollars (9998 is 59998 or more) 9999 unknown (240 subjects)
PE 15	02/28	<u>Smoking: cigars</u> 0 never smoked cigars 1 smokes cigars now 2 smoked cigars previously but not now 9999 unknown (37 subjects)
PE 16	02/29	<u>Smoking: pipes</u> 0 never smoked pipe 1 smokes a pipe now 2 smoked a pipe previously but not now 9999 unknown (52 subjects)
PE 17	02/30	<u>Smoking: cigarettes</u> 0 never smoked cigarettes (3305 subjects) 1 smokes cigarettes now 2 smoked cigarettes previously but not now 9999 unknown (24 subjects)
PE 18	02/31	<u>Smoking: cigarettes, reasons for quitting</u> 1 smokes cigarettes now 2 stopped because of poor health 3 stopped for future health 8 other reasons 9997 never smoked (3311 subjects) 9999 unknown (112 subjects)

<u>Variable Number</u>	<u>source</u>	<u>Information</u>
PE 19	02/32-33	<u>Smoking: number of cigarettes per day for smokers and nonsmokers if still smokers or an exsmoker</u> 1-98 number per day 9999 unknown or never smoked (3354 subjects)
PE 20	02/34-35	<u>Smoking: age started smoking cigarettes regularly</u> 1-63 age started 9999 unknown or never smoked (3384 subjects)
PE 21	02/36	<u>Smoking: inhale cigarettes</u> 0 no 1 yes 9999 unknown or never smoked (3415 subjects)
PE 22	02/37	<u>Smoking: filter cigarettes</u> 0 no 1 yes 9999 unknown or never smoked (3367 subjects)
PE 23	02/38-39	<u>Smoking: number of years stopped smoking</u> 0 less than 1 year 1-48 one to 48 years (N and fraction years is code N) 9999 unknown or never smoked or has not stopped (3347 subjects)
PE 24	02/40-41	<u>Physical activity: number of hours/day or no activity (sleep or rest)</u> 2-22 hours 9999 unknown (40 subjects)
PE 25	02/42-43	<u>Physical activity: number of hours/day of sedentary activity (sitting or standing)</u> 0-18 hours 9999 unknown (40 subjects)

<u>Variable Number</u>	<u>Source</u>	<u>Information</u>
PE 26	02/44-45	<u>Physical activity: number of hours/day</u> <u>slight activity (walking on level)</u> 0-16 hours 9999 unknown (40 subjects)
PE 27	02/46-47	<u>Physical activity: number of hours/day</u> <u>of moderate activity (as walking</u> <u>uphill or climbing stairs)</u> 0-10 hours 9999 unknown (40 subjects)
PE 28	02/48-49	<u>Physical activity: number of hours/day</u> <u>of heavy activity (cutting cane)</u> 0-10 hours 9999 unknown (40 subjects)
PE 29	02/50-52	<u>Metabolic equivalent of greatest</u> <u>physical effort</u> 10-120 basal metabolic rate x10 (eg. 3.5 x 10 = 35) 9999 unknown (43 subjects)
PE 30	20/71-72	<u>Physical activity index</u> 24-71 computed index (code 24 means 24 hours of sleep) 9999 unknown (42 subjects)
PE 31	Calculated	<u>Relative weight index</u> 61-211 actual wt x 100/ideal wt 9399 unknown (21 subjects)
PE 32	05/09	<u>Diabetes, as reported by subject</u> 0 no, or unknown if he has but has never been checked 1 yes 2 doubtful 9999 unknown (22 subjects)

<u>Variable Number</u>	<u>Source</u>	<u>Information</u>
PE33	05/10	<u>Diabetes treatment, as reported by subject</u> 0 no diabetes, or diabetic and no treatment 1 diet treatment 2 oral medication 3 insulin treatment 9999 unknown (El subjects)
PE34	05/11	<u>Family history of diabetes</u> 0 no family history 1 parents only 2 siblings only 3 parents and siblings 9999 unknown (44 subjects)
PE35	05/21-23	WEIGHT (NEAREST POUND) * 99-220 POUNDS 9999 UNKNOWN (19 SUBJECTS) * values less than or equal to 99 are assigned the value 99 values greater than or equal to 220 are assigned the value 220
PE36	05/24-26	WEIGHT AT AGE 25 * 99-202 POUNDS 9999 UNKNOWN (544 SUBJECTS) * values less than or equal to 99 are assigned the value 99 values greater than or equal to 202 are assigned the value 202
PE37	05/27-28	<u>Vital capacity</u> 10-55 in deciliters, as measured 9999 unknown (535 subjects)
PE38	05/29-30	<u>Skinfold triceps</u> 1-25 mm., as measured 9999 unknown (19 subjects)
PE39	05/31-32	UPPER ARM GIRTH * 20-39 CM., AS MEASURED 9999 UNKNOWN (27 SUBJECTS) * values less than or equal to 21 are assigned the value 20 values greater than or equal to 39 are assigned the value 39
PE40	05/33-34	<u>Knee breadth</u> 15-36 cm., as measured 9993 unknown (64 subjects)
PE41	Calculated	<u>Calories per relative weight</u> 2-85 as calculated 9999 unknown (60 subjects)

<u>Variable Number</u>	<u>Source</u>	<u>Information</u>
PE 42	05/35-37	<u>Initial pulse rate</u> 30-168 beats/minute, as measured 9993 unknown (13 subjects)
PC 43	05/38-40	<u>Initial systolic blood pressure</u> 78-260 mm. Hg., as measured 3999 unknown (12 subjects)
PE 44	05/41-43	<u>Initial diastolic blood pressure</u> 40-150 mm. Hg., as measured 9999 unknown (13 subjects)
PE 45	05/50	<u>Ratschow test</u> 0 test not performed, negative history 1 positive test 2 negative test 3 doubtful 9999 unknown (9 subjects)
PE 46	05/54-56	<u>Final pulse rate</u> 30-150 beats/minute, as measured 9999 unknown (18 subjects)
PE 47	05/57-59	<u>Final systolic blood pressure</u> 72-270 mm. Hg., as measured 9999 unknown (14 subjects)
PE 48	05/60-62	<u>Final diastolic blood pressure</u> 12-148 mm. Hg., as measured 9999 unknown (14 subjects)
PE 49	05/63-64	<u>Physical anxiety index</u> 0-20 index based on examiner's observation of variables related to subjects anxiety (0 = none, 20 = max. anxiety) 9999 unknown (30 subjects)
PE 50	05/10-12	<u>Ventricular beats per minute</u> 30-170 beats per minute 9999 unknown (10 subjects) 9999

<u>Variable Number</u>	<u>Source</u>	<u>Information</u>
PE 51	06/10-16	<u>QRS duration</u> 3-19 hundredth of a second 9999 unknown (10 subjects)
PE 52	06/22	<u>LVH from EKG reading</u> 0 no 1 yes 2 possible 9999 unknown (19 subjects)
PE 53	06/24	<u>T-wave change</u> 0 no 1 non-specific 2 secondary change 3 other 4 questionable 3995 unknown (10 subjects)
PE 54	06/26	<u>Intraventricular block</u> 0 no 1 IV block - isft 2 IV block - right 3 IV block - indeterminate 4 IV block - other 5 incomplete - left 6 incomplete - right 9999 unknown (10 subjects)
PE 55	07/09	<u>Urine analysis: sugar</u> 0 negative 1 positive 2 doubtful (none) 5999 unknown (46 subjects)
PE 56	07/10	<u>Urine analysis: albumin</u> 0 negative 1 positive 2 doubtful 4399 unknown (51 subjects)

<u>Variable Number</u>	<u>Source</u>	<u>Information</u>
PE 57	07/12	<u>Blood analysis: serum lactescence</u> 0 negative 1 positive, + 2 positive, ++ 3 positive, +++ 4 positive, ++++ 9999 unknown (61 subjects)
PE 58	07/13-14	<u>Blood analysis: serum turbidity</u> 0-95 known in % T for 650 mu 9999 unknown (89 subjects)
PE 53	07/15-16	<u>Blood analysis: hematocrit</u> 16-64 known in % 9999 unknown (94 subjects)
PE 60	07/17-19	<u>Blood analysis: blood glucose</u> 36-616 known in mg % 9959 unknown (44 subjects)
PE 61	07/20-23	<u>Blood analysis: glycerides</u> 25-2637 known in mg % 9999 unknown (99 subjects)
PE 62	07/24-26	<u>Blood analysis: cholesterol</u> 70-584 known in mg % 9999 unknown (60 subjects)
PE 63	07/71	<u>Subject fasting</u> 0 no 1 yes 9999 unknown (69 subjects)
PE 64	calculated	<u>Diabetes, Exam-1- (treatment or sugar 14W-CG-2023)</u> 0 no 1 yes 9999 unknown (both treatment and blood sugar, 7 subjects)

<u>Variable Number</u>	<u>Source</u>	<u>Information</u>
PE 65	calculated	<u>Glucose intolerance (treatment or sugar 1 LO or more or + or ? urine sugar)</u> 0 110 1 yes 9999 unknown (all of treatment, blood sugar, urine sugar unknown, 7 subjects)
PE 66	calculated	<u>Hypertension</u> 0 no 1 borderline 2 definite 9999 unknown (72 subjects)
PE 67	deck 4	a <u>Exclusion for population at risk of CHD at Exam 1</u> 0 not excluded at Exam 1 1 excluded at Exam 1 (questionable or definite CHD at Exam 1)

<u>variable number</u>	<u>source</u>	<u>information..</u>
PE 68.	calculated from deck 48 hard	def inte chd, first evidence 10 no chd by exam 4 1-4 exam of first evidence
PE 69	calculated from deck 48 hard	definite ap, first evidence 10 no ap by exam 4 1-4 exam first evidence
PE 70	calculated from deck 48 hard	definite mi, first evidence 10 no mi by exam 4 1-4 exam of first evidence
PE 71	calculated from deck 48 hard	definite ci, first evidence 10 no ci by exam 4 1-4 exam of first evidence
PE 72	calculated from deck 48 hard ,	chd death 10 no chd death by exam 4 2-4 exam of chd death
PE 73 .	calculated from deck 48 hard'	definite chd other than ap 10 no chd other than. ap by exam 4 1-4 exam of first evidence
PE 74	48h/13	chd, clinic evidence , 10 no chd by exam 4 1-4 exam of first evidence
PE 75 .	48h/14	ap, clinic evidence 10 no ap by exam 4 1-4 exam of first evidence
PE 76 .	48h/15	ci, clinic evidence 10 no ci by exam 4 1-4 exam of first evidence
PE 77	48h/16	mi, clinic evidence 10 no mi by exam 4 1-4 exam of first evidence
PE 78	48h/17	mi, clinic, ecg serial 10 no serial mi by exam 4 2-4 exam first evidence

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<u>YAR #</u>	<u>source</u>	<u>Information</u>
PE 75	48h/18	sudden chd death. 10 none by exam 4 2-4 exam of sudden chd death
PE 80	48h/19	non sudden chd death 10 none by exam 4 2-4 exam of list evicinnce
PE 81	48h/20	chd, hospital evidence 10 none by exam 4 2-4 exam first evidence
PE 82	48h/21	ci, hospital evidence 10 none by exam 4 a-4 exam first evidence
PE 83	48h/22	mi-ecg, hospital evidence 10 none by exam 4 a-4 exam first evidence
PE 84	48h/23	mi enzymes, hospital evidence 10 none at exam 4 2-4 exam of first evidence
PE 85	48h/24	mi, autopsy evidence 10 none at exam 4 2-4 exam of mi autopsy
PE 86	48h/245	death, all cause 10 -alive at exam 4 2-4 exam of death
PE 87	12 yr response tape (5/79)	cause of death 10 alive at exam 4 0 dead but cause not ascertained 1 chd sudden 2 chd not sudden 3 cva 4 other cvd 5 cancer 6 other 9 unknown cause (4)

<u>Variable Number</u>	<u>Source</u>	<u>Definition</u>
PE 88		<u>Underlying cause of death, external code</u> SET TO DOT (.) TO PROTECT CONFIDENTIALITY
PE a9		<u>Underlying cause of death, 1st 3 digits</u> SET TO DOT (.) TO PROTECT CONFIDENTIALITY
PE 90		<u>Underlying cause of death, last digit</u> SET TO DOT (.) TO PROTECT CONFIDENTIALITY
PE 91	Response 1981	<u>Examination of death</u> 2 Exam 2 3 Exam 3 4 Exam 4 5 Before 12 year followup 6 After 12 year followup 10 Alive 11 Lost to followup
PE 92	Response 198 1	<u>Cause of Death- short code</u> 0 alive 1 CHD, sudden 2 CHD, not den 3 CVA 4 Other CVD 5 Cancer 6 Other 9 Unknown
PE 93		<u>Underlying cause of death, External code</u> SET TO DOT (.) TO PROTECT CONFIDENTIALITY
PE 94		<u>Underlying cause of death, first 3 digits</u> SET TO DOT (.) TO PROTECT CONFIDENTIALITY

<u>Variable Number</u>	<u>Source</u>	<u>Definition</u>
95		<u>Underlying cause of death, last digit</u> SET TO DOT (.) TO PROTECT CONFIDENTIALITY
96		<u>Date of death, month</u> SET TO DOT (.) TO PROTECT CONFIDENTIALITY
97		<u>Date of death, day</u> SET TO DOT (.) TO PROTECT CONFIDENTIALITY
98		<u>Date of death, year</u> SET TO DOT (.) TO PROTECT CONFIDENTIALITY
PE99	CALCULATED	INTERVAL IN DAYS BETWEEN EXAM 1 AND DATE OF DEATH 0 ALIVE 10-5007 UNKNOWN (8087)
BMI1	CALCULATED FROM HEIGHT AND WEIGHT GROUPED AT HIGH AND LOW VALUES	BODY MASS INDEX 13.83347-42.21739 UNKNOWN (21)

* BMI1 = (PE35*.45359) / (PA128*.0254)**2

Note:

Average interval between Exam 1 and Exam 2 is 2 years 6 months (morbidity and mortality **followup**).
Average interval between Exam 1 and Exam 3 is 5 years 9 months (morbidity **and mortality followup**).
Average interval between Exam 1 and Exam 4 is 8 years 3 months (morbidity and mortality **followup**).
Average interval between Exam 1 and 1 P-year mortality **followup** is 12 years.