PUERTO RICO
EXAM 3

SAS NAME: PREXAM3
SAS VARIABLE NAMES: NEWID PC2-PC121 BM13

RECORDS = 8322

99999   UNKNOWNS SET TO DOT (.)

VARIABLE	SOURCE*	INFORMATION
NEWID		RANDOM ID NUMBER
		4268-999922948
		DATA MODIFIED TO PROTECT CONFIDENTIALITY
PC2		DATE OF EXAM 3, MONTH
		SET TO DOT (.) TO PROTECT CONFIDENTIALITY
PC3		DATE OF EXAM 3, DAY
		SET TO DOT (.) TO PROTECT CONFIDENTIALITY
PC4		DATE OF EXAM 3, YEAR
		SET TO DOT (.) TO PROTECT CONFIDENTIALITY
PC5	41/27-28	AGE IN YEARS GROUPED AT EXAM 3

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                 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 75-84 YEARS
                NO UNKNOWNS
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| PC6 | | MUNICIPALITY OF RESIDENCE, EXAM 3 |
| | | SET TO DOT (.) TO PROTECT CONFIDENTIALITY |

* DECK COLUMN

99999   UNKNOWNS SET TO DOT (.)

Variable Number	Source	Information

PC 7 41/31 Moved since previous examination
- 0 no
- 1 urban to rural
- 2 rural *to* urban
- 99999 unknown (2 subjects)

PC 8 41/32 Subject on special diet prescribed by physician
- 0 no
- 1 yes
- 99999 unknown (219 subjects)

PC 9 Skin color

SET TO DOT (.) TO PROTECT CONFIDENTIALITY

Pc 10 42/9 Ever had allergy or hay fever
- 0 no
- 1 yes
- 2 maybe
- 99999 unknown (4 subjects}

PC 11 42/10 Ever had wheezing in chest
- 0 no
- 1 yes
- 2 maybe
- 99999 unknown (2 subjects)

PC 12 42/11 Does wheezing occur without a cold
- 0 no wheezing or no wheezing without a cold (see 42/10)
- 1 yes, wheezing occurs without a cold
- 2 maybe
- 99999 unknown (2 subjects)

PC 13 42/12 Ever had chronic cough lasting 3 or more months a year
- 0 no
- 1 yes
- 2 maybe
- 99999 unknown (2 subjects)

PC 14 42/13. Does chronic cough bring up phlegm or sputum
- 0 no cough. or no sputum (see 42/72)
- 1 yes
- 2 maybe
- 99999 unknown (3 subjects)

Variable Number	Source	Information

PC 15 42/14 Ever had difficulty breathing
- 0 no
- 1 yes
- 2 maybe
- 99999 unknown **(6** subjects)

PC 16 42/15 Cardiac drugs: digitalis type, since last exam
- 0 no, never **taken during** exam interval
- 1 yes, **has taken** digitalis
- 2 maybe
- 99999 unknown **(7** subjects)

PC 17 42/16 Cardiac drugs: nitroglycerine **type,** since last exam
- 0 no, never taken during exam interval
- 1 yes, has taken **nitroglycerine**
- 2 maybe
- 99999 unknown **(9** subjects)

PC 18 42/17 Cardiac drugs: antihypertensives, **since last** exam
- 0 **no,** never taken during exam interval
- 1 **yes,** has taken antihypertensives
- 2 maybe
- 99999 unknown **(9** subjects)

PC 19 42/18 Cardiac drugs: diuretics. since **last exam**
- 0 no, **never taken** during **exam** interval
- 1 yes, has taken diuretics
- 2 maybe
- 99999 unknown **(10** subjects)

PC 20 42/19 Cardiac drugs: quinidine. since **last exam**
- 0 **no,** never taken **during** exam interval
- 1 yes, has taken quinidine
- 2 maybe
- 99999 unknown **(6** subjects)

PC 21 42/20 Diabetes drugs: Insulin
- 0 No, never taken during exam interval
- 1 **Yes,** has taken insulin
- 2 Maybe
- 99999 unknown (5 subjects)

PC 22 42/21 Diabetes drugs: Oral Hypoglycemics
- 0 No, never taken **during exam** interval
- 1 Yes, has **taken insulin**
- 2 Maybe
- 99999 Unknown **(14** subjects)

variable Number	Source	Information
PC 23	42/22-23	Physical activity: number of hours/day of no activity (sleep or rest) 2-22 hours 99999 unknown (924 subjects)
PC 24	42/24-25	Physical activity: number of hours/day of sedentary activity (sitting or standing) 0-18 hours 95999 unknown (929 subjects)
PC 25	42/26-27	Physical activity: number of hours/day light activity (walking on level) 0-13 hours 99999 unknown (929 subjects)
PC 26	42/28-29	Physical activity: number of hours/day of moderate activity (as walking uphill or climbing stairs) 0-10 hours 99999 unknown (929 subjects)
PC 27	42/30-31	Physical activity: number of hours/day of heavy activity (cutting cane) 0-8 hours 99999 unknown (929 subjects)
PC 28	42/32-34	Metabolic equivalent of activity requiring greatest physical effort 0-120 basal or work metabolic rate x10 (eg. 3.5 x 10 = 35) (from table on pp. 147-150 of Manual of Procedures) 99999 unknown (930 subjects)
PC29	42/35-37	WEIGHT (NEAREST POUND) * 99-220 POUNDS 99999 UNKNOWN (25 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
PC 30	42/38-40	Vital Capacity - one second 49-454 centiliters, as measured 99999 unknown (1945 subjects)
PC 31	42/41-43	Vital capacity - total 97-536 centiliters, as measured 99999 unknown (1943 subjects)

Variable Number	Source	Information
PC 32	42/44-46	Initial **systolic** blood pressure 60-280 mm. Hg., as measured **99999** unknown **(5** subjects)
Pc 33	42/47-49	Initial diastolic blood **pressure** **40—180** mm. Hg., as measured **99999** unknown *(6 subjects)*

PC 34	42/50	Eye examination: xanthelasma
		     0 none
		     ? yes, definite
		     2 doubtful
		99999 unknown **(4** subjects)

PC 35	42/51	Xanthomas
		     0 no
		     1 **yes,** definite
		     2 doubtful
		99999 unknown (7 subjects)

PC 36	42/52	Carotid Bruit
		     0 none .
		     1 yes, left side
		     2 yes, right side
		     3 yes, both sides
		99999 unknown **(6** subjects)

PC 37	42/53	Respiratory System: Increased anteroposterior **diameter**
		     0 No
		     1 Yes
		     2 Doubtful
		99999 Unknown **(6 subjects)**

PC 38	42/54	Respiratory System: Abnormal **respiratory sounds**
		     0 No
		     1 Yes
		     2 Doubtful
		99999 Unknown (8 subjects)

PC 39	42/55	Expiratory wheezing
		     0 none
		     1 present, unilaterally
		     2 present, bilaterally
		     3 doubtful
		99999 unknown **(9** subjects)

Variable Number	Source	Information

PC 40   42/56

Respiratory System: Rales
- 0 No
- 1 Present, unilaterally
- 2 Present, bilaterally
- 3 Doubtful
- 99999 Unknown (9 subjects)

PC 41   42/57

Heart murmurs, systolic
- 0 no significant murmur
- 1 mitral murmur significant
- 2 aortic murmur significant
- 3 both mitral and aortic significant
- 4 other valve significant
- 99999 unknown (8 subjects)

PC 42   42/58

Heart murmurs, diastolic
- 0 no murmur
- 1 mitral
- 2 aortic
- 3 both mitral and aortic
- 4 other valve origin
- 99999 unknown (8 subjects)

PC 43   42/59

Varicose veins - left
- 0 none
- 1 grade 1
- 2 grade 2
- 3 grade 3
- 99999 unknown (7 subjects)

PC 44   42/60

Varicose veins - right
- 0 none
- 1 grade 1
- 2 grade 2
- 3 grade 3
- 99999 unknown (12 subjects)

PC 45   42/61

Ratschow test
- 0 test not performed
- 1 positive test
- 2 negative test
- 3 doubtful
- 99999 unknown (2 subjects)

Variable Number	Source	Information

PC 46	42/62	Neurological abnormalities
		    0 none
		    1 yes, definite
		    2 questionable
		  99999 unknown (5 subjects)

PC 47	42/63	Neurological disorder other than CVA, examiner's opinion
		    0 no
		    1 yes, definite
		    2 questionable
		  99999 unknown (4 subjects)

PC 48	42/64-66	Final systolic blood pressure
		  80-280 mm. Hg., as measured
		  99999 unknown (6 subjects)

PC 49	42/67-69	Final diastolic blood pressure
		  30-174 mm. Hg., as measured
		  99999 unknown (6 subjects)

PC 50	42/71-72	Examiner's Number
		    4-42 assigned number
		  99999 unknown (4 subjects)

PC 51	43/9	Subject taking digitalis or quinidine
		    0 no
		    1 yes
		    2 maybe
		  99999 unknown (4 subjects)

PC 52	43/10-12	Ventricular beats per minute
		  34-300 beats per minute
		  99999 unknown (5 subjects)

PC 53	43/13-14	P-R interval
		  0-65 hundredth of second
		  99999 unknown (12 subjects)

PC 54	43/15-16	QRS duration
		  3-19 hundredth of a second
		  99999 unknown (5 subjects)

PC 55	43/17-19	Electrical axis of QRS complex, degrees
		  0-165 degrees
		  999 indeterminate (none)
		  99999 unknown (21 subjects)

Variable Number	Source	Information

PC 56 43/20 **Electrical axis of QRS complex, bearing**
- **1 zero or** positive
- **2** negative
- 3 indeterminate
- 99999 unknown *(5* subjects)

PC 57 43/21 **HI from EKG reading**
- *0* **no**
- **1** yes
- **2** questionable
- 99999 unknown *(7* subjects)

PC 58 43/22 **LVH from EKG reading**
- *0* no
- **1 yes,** systolic overload
- **2** yes, diastolic overload
- 3 possible
- 99999 unknown *(7* subjects)

PC 59 43/23 **RVR from EKG reading**
- **0** no
- 1 yes
- **2** possible
- 99999 unknown *(7* subjects)

PC 60 43/24 P—wave change
- 0 no
- **1** yes
- **2** maybe
- 99999 unknown (7 **subjects)**

PC 61 43/25 **T—wave** chancre
- *0* no
- **1** non— specific
- **2** secondary change
- **3** symmetrical
- **4** other
- 5 maybe
- 99999 unknown *(7* **subjects)**

PC 62 43/26 S—T segment **change**
- **0 no**
- 1 non-specific
- 2 secondary change
- **3** straight
- 4 other
- 5 maybe
- 99999 unknown (7 subjects)

Variable Number	Source	Information

PC 63   43/27   <u>Intraventricular block</u>
- **0** no
- **1 IV** block, complete, left
- **2 IV block,** complete, right
- 3 IV block, incomplete, left
- **4 IV** block, incomplete, right
- 5 IV **block,** indeterminate
- 6 IV block, other
- **99999** unknovn **(6 subjects)**

PC 64   43/28   <u>Atrioventricular **block**</u>
- **0 no**
- **1 first** degree
- 2 second degree
- **3 third degree** (complete heart **block)**
- 4 Wolf–Parkinson–Rhite syndrome
- **99999 unknown** (6 subjects)

PC 65   43/29   <u>Premature contraction</u>
- 0 DO
- **1** atrial
- 2 **nodal**
- 3 indeterminate whether atrial **or nodal**
- 4 ventricular
- **5** combined
- **99999** unknown **(6** subjects)

PC 66   43/30   <u>Atrial arrhythmia</u>
- **0** no
- **1** fibrillation
- **2** flutter
- **3 both**
- **99999** unknown **(6** subjects)

PC 67   43/31   <u>Other</u> arrhythmia
- **0 no**
- **1 sinus arrhythmia**
- 2 other
- **3 maybe**
- **99999 unknown (6 subjects)**

PC 68   43/32   <u>~~Other ERG~~ abnormality</u>
- **0 no**
- **1 digitalis** effect
- 2 **other**
- 3 digitalis effect **and** other
- **99999 unknown (6 subjects)**

Variable Number	Source	Informatiog

PC 69 43/33 Any abnormality in EKG
        0 no
        1 *yes*
        2 questionable
    99999 unknown (6 subjects)

PC 70 43/34 Clinical interpretation of EKG
        0 normal
        1 abnormal
        2 doubtful
    99999 unknown (6 subjects)

PC 71 43/35 MI by serial EKG reading
        0 no
        1 *yes*
        2 maybe
    99999 unknown (12 subjects)

PC 72 43/36 Other ERG changes suggesting infarction
        0 no
        1 yes
        2 maybe
    99999 unknown (12 subjects)

PC 73 43/37 Non specific T-wave chanses
        0 no
        1 yes
        2 maybe
    99999 unknown (12 subjects)

PC 74 43/38 Other serial changes
        0 no
        1 yes
        2 maybe
    99999 unknown (12 subjects)

PC 75 43/39 Clinical interpretation of serial EKG's
        0 normal, new
        1 normal, old
        2 abnormal, new
        3 abnormal, old
        4 doubtful, new
        5 doubtful, old
    99999 unknown (11 subjects)

Variable Number	Source	Information
PC 76	43/40	**Trifascicular block** *0* no 1 yes 99999 Unknown (6 subjects)
PC 77	43/41	**Bifascicular block** *0* No 1 Yes 99999 Unknown (6 subjects)
PC 78	43/42	**Hemiblock** 0 No 1 Anterior 2 Posterior 99999 Unknown (6 subjects)
PC 79	43/71-32	**Reader of EKG's** 4-22 99999 unknown (7 subjects)
PC 80	44/9	**Total CBD at exam 3** 0 no 1 yes, definite 2 maybe 99999 unknovn (4 subjects)
PC 81	44/10	**Angina pectoris** 0 no 1 definite, new 2 definite, old 3 possible, new 4 possible, old 99999 unknown (4 subjects)
PC 82	44/11	**Coronary insufficiency** 0 no 1 definite, new 2 definite, old 3 possible, new 4 possible, old 99999 unknown (4 subjects)

Variable Number	Source	Information

PC 83 44/12 **Myocardial Infarction**
- *0* no
- **1** definite, new
- **2** definite, **old**
- 3 possible, new
- 4 possible, old
- **99999** unknown (5 subjects)

PC 84 44/13 **Hypertension**
- 0 none **(both 1st and 2nd SBP <140 and** both **1st and 2nd** diastolic <90)
- 1 definite (both **1st and 2nd SBP ≥160 and/or** both **1st and 2nd diastolic ≥ 96)**
- **2** doubtful (all other combinations)
- **99999** unknown (**5** subjects)

PC 85 44/14 Currently under treatment **for hypertension**
- **0** no
- **1** yes
- **2** maybe
- **99999** unknown (**3** subjects)

PC 86 44/15 **Cl**inical impression: hypertensive cardiovascular disease
- *0* **no**
- **1** *yes*
- **2** maybe
- **99999** unknown (**5** subjects)

PC 87 44/16 Non-standard diagnosis **for HCD (blood** pressure **normal or** doubtful because of antihypertensive treatment)
- 0 no or not applicable
- 1 **yes** (code 1 in **44/15** but **normal** or doubtful **BP and on** antihypertensive treatment)
- **99999** unknown (4 subjects)

PC 88 44/17 Clinical **impression:** rheumatic **heart disease, aortic**
- 0 no
- 1 yes
- **2** maybe
- **99999** unknown (**5** subjects)

Variable Number	Source	Information

PC 89 44/18 Clinical impression: rheumatic
heart disease. mitral
- **0** no
- **1** yes
- **2** maybe
- **99999** unknown (**4** subjects)

PC 90 44/19 Clinical impression: rheumatic heart
disease. other
- 0 no
- 1 yes
- 2 maybe
- **99999** unknown (**4** subjects)

PC 91 44/20 Clinical impression: valvular heart
disease of undetermined etiology
- 0 no
- 1 yes
- 2 maybe
- 99999 unknown (**4** subjects)

PC 92 44/21 Clinical impression: syphilitic
heart disease
- 0 no
- **1** yes
- 2 maybe
- 99999 unknown (**4 subjects**)

PC 43 44/22 Clinical impression: congenital
heart disease
- *0* no
- **1** yes
- 2 maybe
- 99999 unknown (**5** subjects)

PC 94 44/23 Clinical impression: pulmonary
heart disease
- 0 no
- **1** yes (none)
- **2** maybe
- 99999 unknown (**4 subjects**)

Pc 95 44/24 clinical impression: other
heart disease
- 0 no
- **1** definite
- *2* possible
- **99999** unknown (*5* subjects)

variable Number	source	Information

PC 96 44/25 Clinical impression: heart failure
- 0 no
- 1 yes
- 2 maybe
- 99999 unknown (4 subjects)

PC 97 44/26 Clinical impression: arrhythmia
- 0 no
- 1 yes
- 2 maybe
- 99999 unknown (6 subjects)

PC 98 44/27 Functional classification
- 0 no heart disease
- 1 class 1
- 2 class 2
- 3 class 3
- 4 class 4 (none)
- 99999 unknown (4 subjects]

PC 99 44/28 Cerebrovascular disease: cerebral embolism
- 0 no
- 1 yes
- 2 maybe
- 99999 unknown (4 subjects)

PC 100 44/29 cerebrovascular disease - cerebral thrombosis
- 0 no
- 1 yes
- 2 maybe
- 99999 unknown (4 subjects)

PC 101 44/30 Cerebrovascular disease: intracerebral hemorrbase
- 0 no
- 1 yes
- 2 maybe
- 99999 unknown (4 subjects)

PC 102 44/31 Cerebrovascular disease: subarachnoid hemorrhage
- 0 no
- 1 yes
- 2 maybe
- 99999 unknown (4 subjects)

<u>Variable</u> <u>Number</u>	<u>Source</u>	<u>Informa</u>tiop

*PC*103   44/32

<u>Cerebrovascular disease: transient</u>
<u>**ischemic attack**</u>
       0 no
       1 yes
       2 maybe
    99999 unknovn (5 subjects**)**

*PC*104   44/33

<u>Peripheral</u> **<u>vascular</u>** <u>disease</u>
       0 no
       1 yes
       2 maybe
    99999 unknown **(4** subjects**)**

*PC*105   44/34

<u>Other</u> **<u>vascular</u>** <u>disease</u>
       0 no
       1 yes
       2 maybe
    99999 unknown **(4** subjects**)**

PC106   44/35

~~<u>Other dis</u>~~<u>eases: diabetes</u>
       0 **no**
       1 yes
       2 maybe
    99999 unknown **(3** subjects**)**

*PC*107   44/36

~~<u>Other dis</u>~~<u>eases: renal disease</u>
       0 no
       1 yes
       2 maybe
    99999 unknown **(6** subjects**)**

*PC*108   44/37

<u>**Other diseases:**</u> <u>Pulmonary emphysema</u>
       0 no
       1 *yes*
       2 maybe
    99999 unknown **(5** subjects**)**

*PC*109   44/38

<u>Other diseases:</u> <u>**other pulmonary**</u> <u>disease</u>
       0 no
       1 *yes*
       2 questionable
    99999 unknown **(6** subjects**)**

*PC*110   44/39

<u>Other disease: illness other than above</u>
       0 no
       1 yes
       2 questionable
    99999 unknown **(6** subjects**)**

Variable Number	Source	Information

PC111   44/70   <u>Record revised in review</u>
- 0 no
- 1 yes
- No unknowns

PC112   45/09   <u>Urine analysis: sugar</u>
- 0 negative
- 1 positive (+ to ++++)
- 2 doubtful (traces)
- 99999 unknown (302 subjects)

PC113   45/10   <u>Urine analysis: albumin</u>
- 0 negative
- 1 positive (+ to ++++)
- 2 doubtful (traces)
- 99999 unknown (301 subjects)

PC114   45/11   <u>Blood analysis: serum lactescense</u>
- 0 negative
- 1 positive, +
- 2 positive, ++
- 3 positive, +++
- 4 positive, ++++
- 99999 unknown (1374 subjects):

PC115   45/12–14   <u>Blood analysis: cholesterol</u>
26–862 known in mg %
- 99999 unknown (497 subjects)

PC116   45/15–18   <u>Blood analysis: glycerides</u>
35–5450 known in mg %
- 99999 unknown (1492 subjects)

PC117   45/19   <u>Frederickson lipoprotein typing</u>
- 0 normal
- 1 class 1
- 2 class 2 (see also code 6)
- 3 class 3
- 4 class 4
- 5 class 5
- 6 class 2 (variant) (no subjects)
- 99999 unknown (1716 subjects)

Variable Number	source	Information

PC 118   45/20

<u>Intensity of pre-beta band</u>
    0 negative
    1 +
    2 ++
    3 +++
    4 +++++
99999 unknown (1708 subjects).

PC 119   45/21−23

<u>Blood analysis: glncose</u>
51-685 in mg/100ml as measured
 99999 unknown (1391 subjects)

PC 120   45/50

<u>Subject fasting</u>
    0 no
    1 yes
99999 unknown (264 subjects)

PC121   CALCULATED

INTERVAL I N DAYS BETWEEN EXAM 1 AND EXAM 3
1389-3197
NO UNKNOWNS

BMI3   CALCULATED FROM HEIGHT AND WEIGHT GROUPED AT HIGH AND LOW VALUES

BODY MASS INDEX [*]
14.6.1952-41.56799
UNKNOWN (36)

* BM13 = (PC29*.45359) / (PA128*.0254)**2