Figure 2.1 · percent distribution of KEEP & NHANES III participants with self-reported diabetes, by age & gender

KEEP: n=11,062, total reported diabetics = 2,690, NHANES III: n=19,593; excludes participants without a reported diabetic status
Figure 2.2 · percent distribution of KEEP & NHANES III participants with self-reported diabetes, by race/ethnicity

KEEP: n=11,062, total reported diabetics = 2,690, NHANES III: n=19,593; excludes participants with missing diabetic status; race & Hispanic ethnicity are not mutually exclusive
Figure 2.3 · percent distribution of KEEP & NHANES III participants by measured blood pressure & self-reported diabetes status

KEEP: DM NHANES: DM KEEP: NDM NHANES: NDM

JNC VI hypertension
Stage I: systolic 140–159 or diastolic 90–99
Stage II: systolic 160–179 or diastolic 100–109
Stage III: systolic ≥180 or diastolic ≥110

KEEP: n=10,883, NHANES III: n=19,216; excludes participants with missing diabetic status or blood pressure values; hypertension status based on JNC VI definition
Figure 2.4 · percent distribution of KEEPs & NHANES III participants with an elevated blood pressure (≥140/90), by race/ethnicity, gender, & self-reported diabetic status

Percent of participants with HTN

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<tbody>
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<td>White</td>
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<td>Hispanic</td>
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KEEP: race, n=10,557, gender n=10,883, NHANES III: n=19,216; excludes participants with missing or unknown race, blood pressure values, or diabetic status; race & Hispanic ethnicity are not mutually exclusive

KEEP 2003
Figure 2.5 · percent distribution of KEEKEEP & NHANES III participants with self-reported diabetes, by measured blood pressure

JNC VI hypertension
Stage I: systolic 140–159 or diastolic 90–99
Stage II: systolic 160–179 or diastolic 100–109
Stage III: systolic ≥180 or diastolic ≥110

KEEP: n=10,833 total, 2,659 with self-reported diabetes; NHANES III: n=19,216; excludes participants with missing blood pressure values or diabetic status; hypertension based on JNC VI definition
Figure 2.6 · percent distribution of KEEPr & NHANES III participants with self-reported hypertension, by age & gender

KEEPr: n=11,131 total, 5,732 with hypertension; NHANES III n=19,426; excludes participants with missing hypertension status
Figure 2.7 · percent distribution of KEEP & NHANES III participants with self-reported hypertension, by race/ethnicity

KEEP: n=10,802 total, 5,576 with self-reported hypertension; NHANES III: 19,426; excludes participants with missing race or hypertension status; race & Hispanic ethnicity are not mutually exclusive
Figure 2.8 · percent distribution of KEEP participants with measured blood pressure, by gender

KEEP: n= 11,064; excludes participants with missing blood pressure values; hypertension based on JNC VI definition
Figure 2.9 • percent distribution of KEEPl participants with measured blood pressure, by race/ethnicity

KEEPl: n=10,557; excludes participants with missing blood pressure values or unknown or missing race; race & Hispanic ethnicity are not mutually exclusive; hypertension based on JNC VI definition.

JNC VI hypertension
Stage I: systolic 140–159 or diastolic 90–99
Stage II: systolic 160–179 or diastolic 100–109
Stage III: systolic $\geq$180 or diastolic $\geq$110
Figure 2.9 (cont) - percent distribution of NHANES III participants with measured blood pressure, by race/ethnicity

NHANES III: n=19,239; excludes participants with missing blood pressure values or unknown or missing race; race & Hispanic ethnicity are not mutually exclusive; hypertension based on JNC VI definition.

JNC VI hypertension:
Stage I: systolic 140–159 or diastolic 90–99
Stage II: systolic 160–179 or diastolic 100–109
Stage III: systolic ≥180 or diastolic ≥110
Figure 2.10 - percent distribution of KEEP participants with self-reported hypertension compared to measured blood pressure (≥140/90), by gender

KEEP: total for reported hypertension, n=11,131, total for measured blood pressure, n=11,064,
Figure 2.11 • percent distribution of KEEP participants with self-reported hypertension compared to measured blood pressure ($\geq 140/90$), by race/ethnicity

KEEP: n=11,131, total for reported hypertension, n=11,064, total for measured blood pressure; race & Hispanic ethnicity are not mutually exclusive
Figure 2.12 · percent distribution of KEEP & NHANES III participants, by BMI

KEEP

- UW: 0.8
- N: 20.8
- OW: 33.9
- OB: 35.9
- EO: 8.6

NHANES III

- UW: 2.7
- N: 43.4
- OW: 32.0
- OB: 19.1a
- EO: 2.8

BMI index
- BMI <18.5: UW: Underweight
- BMI 18.5–24.9: N: Normal
- BMI 25–29.9: OW: Overweight
- BMI 30–39.9: OB: Obese
- BMI ≥40: EO: Extremely Obese

KEEP: n=11,122, NHANES III: n=17,689; excludes participants with missing BMI values
Figure 2.13 · percent distribution of KEEP participants, by gender & BMI

KEEP: n=11,122; excludes participants with missing BMI
Figure 2.13 (cont) · percent distribution of NHANES III participants, by gender & BMI

NHANES III: n=17,689; excludes participants with missing BMI
Figure 2.14 · percent distribution of KEEP participants, by race/ethnicity & BMI

KEEP: race, n=10,797; excludes participants with missing BMI value or race; race & Hispanic ethnicity are not mutually exclusive
Figure 2.14 (cont.) · percent distribution of NHANES III participants, by race/ethnicity & BMI

NHANES III: n=17,689; excludes participants with missing BMI value or race; race & Hispanic ethnicity are not mutually exclusive
Figure 2.15: Distribution of KEEP participants, by U.S. census region & BMI

KEEP: n=11,122; excludes participants with missing BMI value
Figure 2.15 (cont.) · distribution of NHANES III participants, by U.S. census region & BMI

NHANES III: n=17,689; excludes participants with missing BMI value
Figure 2.16 · percent distribution of KEEP participants with self-reported diabetes or hypertension, by BMI

KEEP: for diabetes, n=10,942 total, 2,657 with self-reported diabetes; for hypertension, n=11,011 total, 5,673 with self-reported hypertension; excludes participants with missing or unknown diabetic status
Figure 2.17 · percent distribution of KEEP participants, by measured blood pressure & BMI

JNC VI hypertension
Stage I: systolic 140–159 or diastolic 90–99
Stage II: systolic 160–179 or diastolic 100–109
Stage III: systolic ≥180 or diastolic ≥110

BMI
BMI <18.5: Underweight
BMI 18.5–24.9: Normal
BMI 25–29.9: Overweight
BMI 30–39.9: Obese
BMI ≥40: Extremely obese

KEEP: n=10,946; excludes participants with missing blood pressure values or BMI; hypertension based on JNC VI definition; excludes participants with missing or unknown hypertension status
Figure 2.18 · percent distribution of KEEP participants, by smoking status

- Never smoked: 54.7%
- Used to smoke: 31.3%
- Smoking: 14.0%

KEEP: n=10,536; excludes participants with missing smoking status
Figure 2.19 · percent distribution of KEEP participants, by race/ethnicity & smoking status

KEEP: n=10,536; race & Hispanic ethnicity are not mutually exclusive
Figure 2.20 · percent distribution of KEEP participants with self-reported diabetes, by smoking pattern

KEEP: n =10,367 total, 2,513 with self-reported diabetes; excludes participants with missing smoking status or diabetic status
Figure 2.21 · percent distribution of KEEP participants with self-reported hypertension, by smoking pattern

KEEP: n=10,437 total, 5,369 with self-reported hypertension; excludes participants with missing smoking status or hypertension status
Figure 2.22 · percent distribution of KEEP participants with CKD, by smoking pattern

CKD definition
If calculated creatinine clearance by K/DOQI MDRD < 60 ml/min/1.73 m² or;
If calculated creatinine clearance by K/DOQI MDRD ≥ 60 ml/min/1.73 m² and microalbuminuria +

KEEP: n=10,002; excludes participants with missing smoking status or CKD status
Figure 2.23 • percent distribution of KEEP participants, by stage of CKD

CKD stages
Stage 1: CCR ≥ 90, microalbuminuria =+
Stage 2: CCR 60–89, microalbuminuria =+
Stage 3: CCR 30–59
Stage 4: CCR 15–29
Stage 5: CCR <15 or patient on dialysis

KEEP: n=10,651; excludes participants with missing creatinine clearance values
Figure 2.24 • percent distribution of KEEP participants with evidence of CKD, overall & within gender

KEEP: n=10,651 (male, 3,519, female 7,132), participants with CKD, n=5,051
Figure 2.25 · percent distribution of KEEP participants with evidence of CKD, overall & within race/ethnicity

KEEP: race, n=10,343; participants with CKD, n=4,897; race & Hispanic ethnicity are not mutually exclusive
Figure 2.26 · percent distribution of KEEP participants with evidence of CKD, overall & within U.S. census region

**KEEP: n=10,651; participants with CKD, n=5,051**

- If calculated creatinine clearance by K/DOQI MDRD < 60 ml/min/1.73 m² or;
- If calculated creatinine clearance by K/DOQI MDRD ≥ 60 ml/min/1.73 m² and microalbuminuria +
Figure 2.27 · percent distribution of KEEP participants with evidence of CKD, by CKD stage & race/ethnicity

KEEP: participants with CKD, n=4,897; excludes participants with missing race; race & Hispanic ethnicity are not mutually exclusive.

CKD stages
Stage 1: CCR ≥ 90, microalbuminuria =+
Stage 2: CCR 60–89, microalbuminuria =+
Stage 3: CCR 30–59
Stage 4: CCR 15–29
Stage 5: CCR <15 or patient on dialysis
Figure 2.28 · distribution of KEEP participants, by U.S. census region & risk factor

- Chronic kidney disease
- Diabetes (self-reported)
- Hypertension (self-reported)
- Obesity (BMI ≥30 kg/m²)
- Smoking

KEEP: CKD, n=5,051; self-reported diabetes, n=2,690; hypertension, n=5,732; obesity, n=4,953; currently smoking, n=1,475
Figure 2.29 — percent distribution of KEEP participants with a family history of diabetes, hypertension, or kidney disease, by participant’s self-reported diabetic status.

KEEP: diabetics, n=2,690, non-diabetics, n=8,372; excludes participants with missing self-reported diabetic status.
Figure 2.30: Percent distribution of KEEP participants with a family history of diabetes, hypertension, or kidney disease, by participant’s measured blood pressure

JNC VI hypertension
Stage I: systolic 140–159 or diastolic 90–99
Stage II: systolic 160–179 or diastolic 100–109
Stage III: systolic ≥180 or diastolic ≥110

KEEP: normal, n=5,953; stage 1, n=3,250; stage 2, n=1,374; stage 3, n=487; hypertension status based on JNC VI definition; excludes participants with missing blood pressure values
Figure 2.31 · % distribution of KEEP participants with a family history of diabetes, hypertension, or kidney disease, by participant’s CKD status

- keeping the values of KEEP: non-CKD, n=5,600; stage 1, n=1,502; stage 2, n=1,965; stage 3, n=1,499; stage 4, n=65; stage 5, n=20