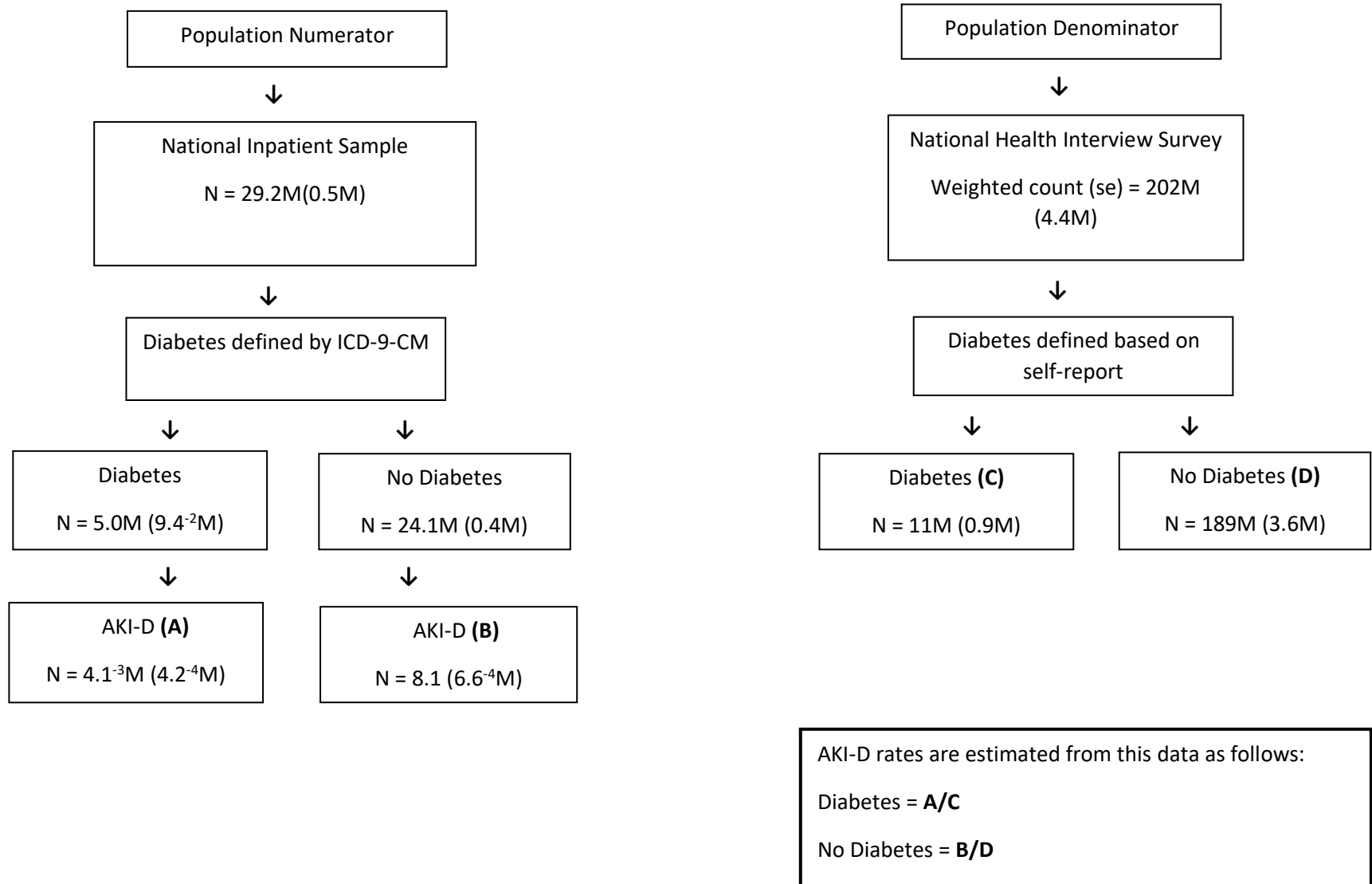


**Figure S1** Flow chart depicting use of the National Health Interview Survey (NHIS) and the National Inpatient Sample (NIS) (including weighted counts and standard errors, per million (M)) used to estimate national rates of dialysis-requiring acute kidney injury (AKI-D) in people with and without diabetes. Flow chart describes data from 2000, but uses the same methodology for years 2000-2015

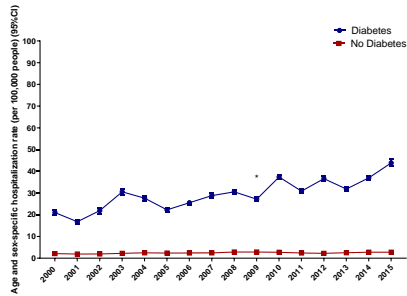


**Figure S2** Trends in gender and age-specific hospitalization rates for dialysis-requiring acute kidney injury (AKI-D) in people with vs. without diabetes, United States 2000—2015

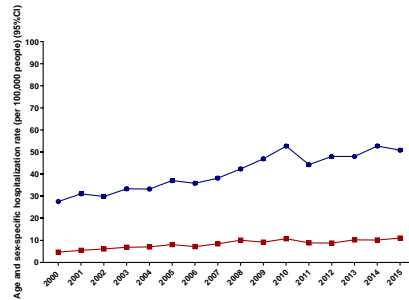
\*indicates a joinpoint where linear trends change in either direction or magnitude

**Men**

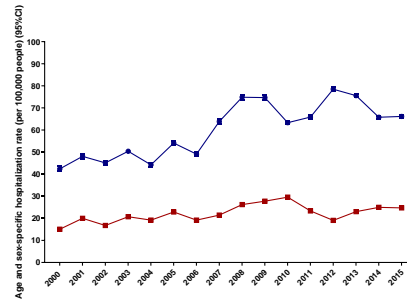
**18-44**



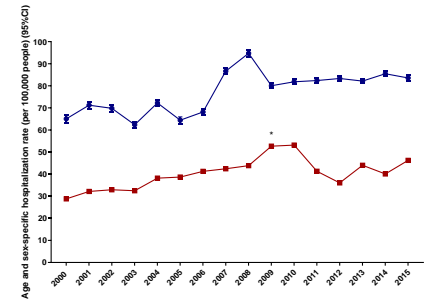
**45-64**



**65-74**

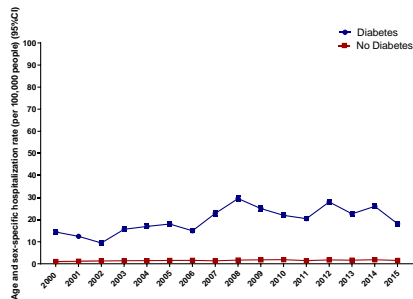


**≥75**

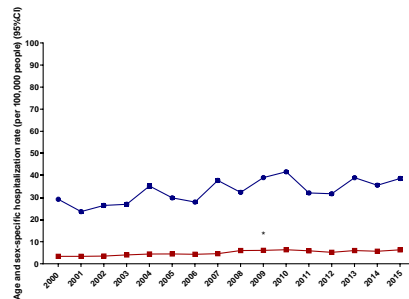


**Women**

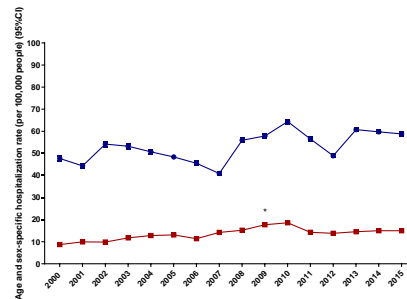
**18-44**



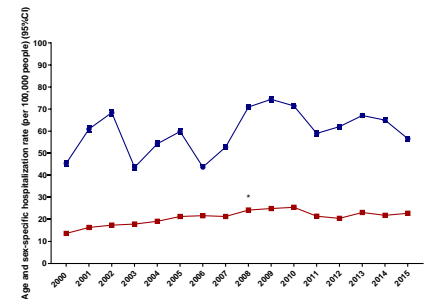
**45-64**



**65-74**



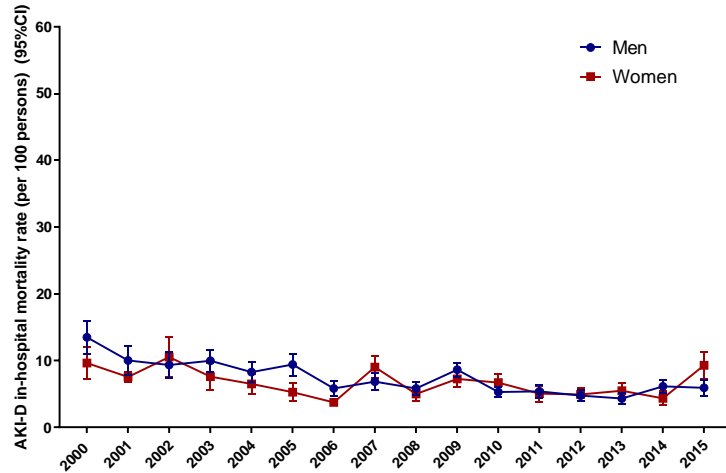
**≥75**



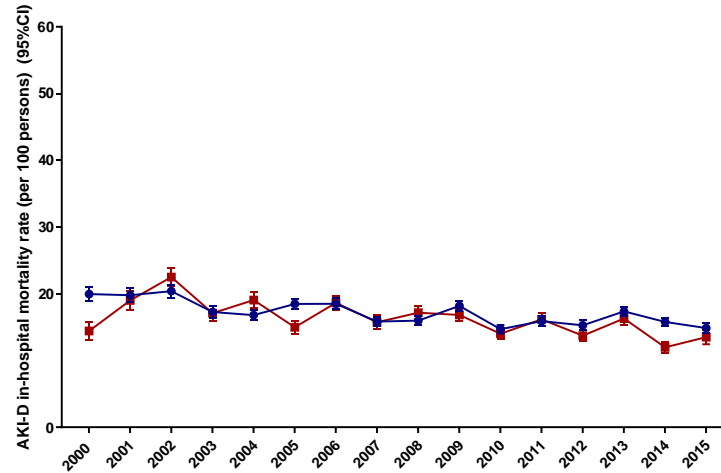
**Figure S3** Trends in gender and age-specific in-hospital mortality rates associated with dialysis-requiring acute kidney injury (AKI-D) in people with vs. without diabetes, United States 2000–2015

**Gender-specific**

**Diabetes**

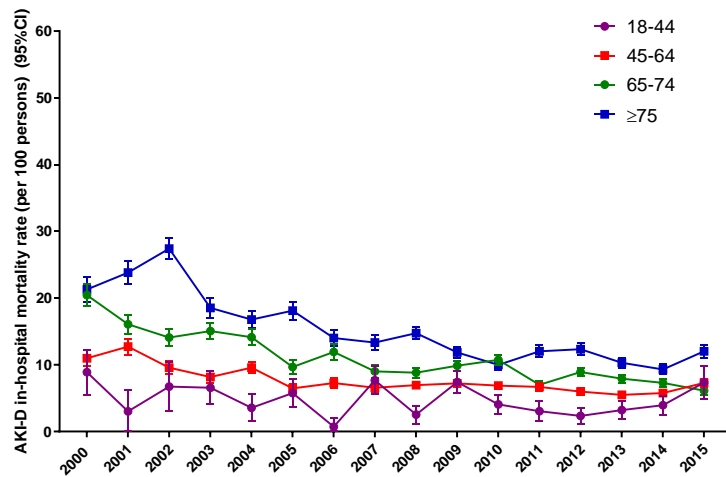


**No diabetes**

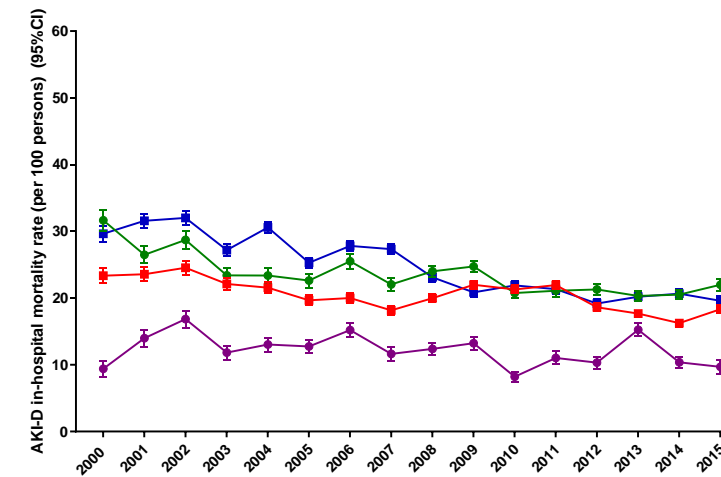


**Age-specific**

**Diabetes**

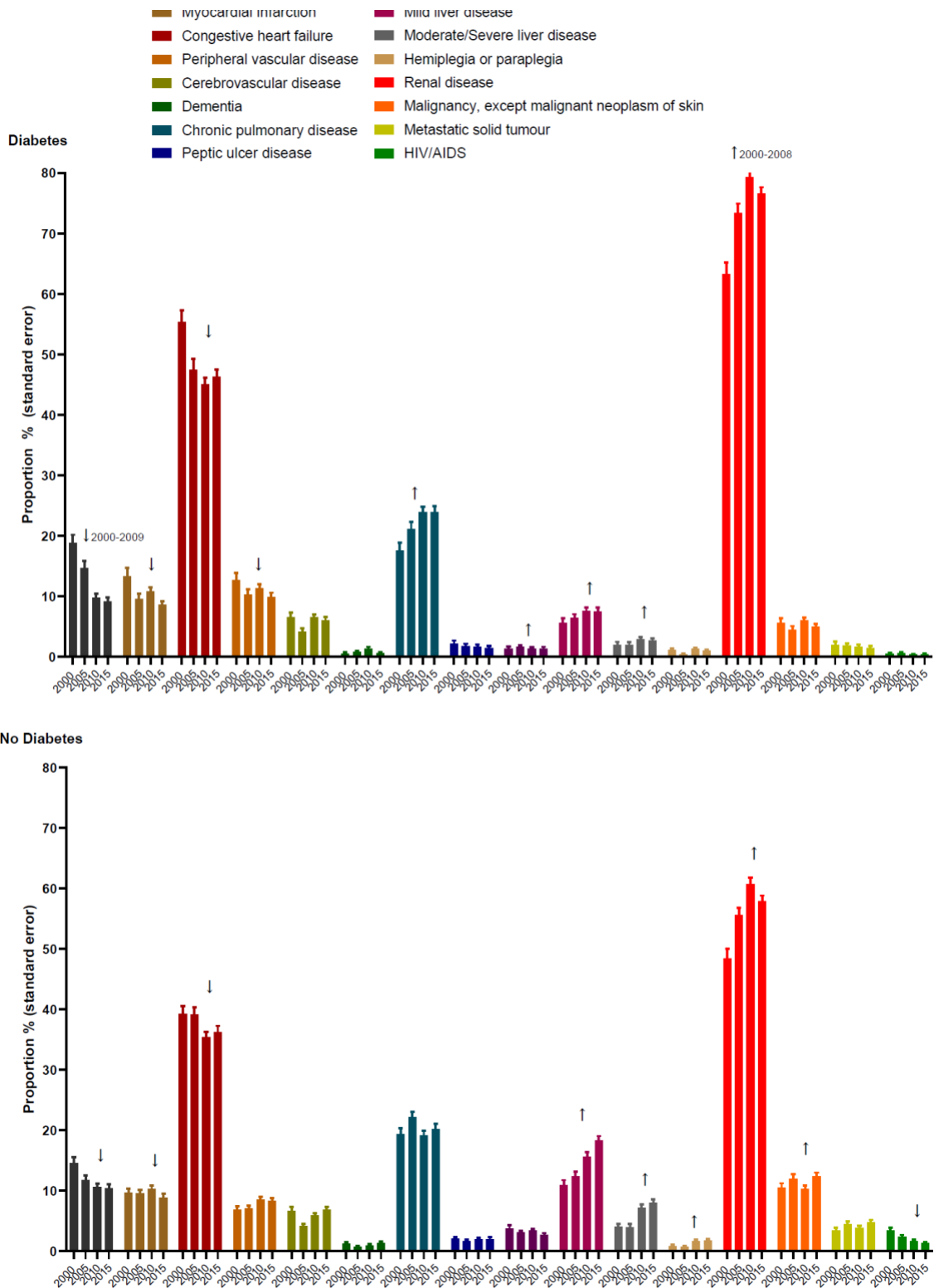


**No diabetes**



**Figure S4** Time-stratified characteristics of patients with dialysis-requiring acute kidney injury (AKI-D), by diabetes status, in the United States 2000–2015

↓ Indicates a significant decline ( $p < 0.05$ ) between 2000-2015 (unless specific years stated);  
 ↑ Indicates a significant increase ( $p < 0.05$ ) between 2000-2015 (unless specific years stated)



**Table S1** ICD-9-CM codes for comorbidities and cardiac procedures

<i>Comorbidities</i>	<i>ICD-9-CM</i>	<i>Weighting</i>
Myocardial infarction	410.x, 412.x	1
Congestive heart failure	398.91, 402.01, 402.11, 402.91, 404.01, 404.03, 404.11, 404.13, 404.91, 404.93, 425.4-425.9, 428.x	1
Peripheral vascular disease	093.0, 437.3, 440.X, 441.X, 443.1-443.9, 557.1, 557.9, 785.4, V43.4, procedure 38.48	1
Cerebrovascular disease	362.34, 430.x-438.x	1
Dementia	290.x, 294.1, 331.2	1
Chronic pulmonary disease	416.8, 416.9, 490.x-505.x, 506.4, 508.1, 508.8	1
Peptic ulcer disease	531.x-534.x	1
Rheumatic disease	446.5, 710.0-710.4, 714.0-714.2, 714.8, 725.x	1
Mild liver disease	070.22, 070.23, 070.32, 070.33, 070.44, 070.54, 070.6, 070.9, 570.X, 571.X, 573.3, 573.4, 573.8, 573.9, V42.7	1
Hypertension	401.x	1
Hemiplegia or paraplegia	344.1, 342.x	2
Renal disease	582.x, 583-583.7, 585.x, 586.x, 588.x	2
Any malignancy, including lymphoma and leukemia, except malignant neoplasm of skin	140.1-172.x, 174.x-195.8, 200.x-208.x, 238.6	2
Moderate or severe liver disease	456.0-456.2, 572.2-572.8	3
Metastatic solid tumor	196.x-199.x	6
HIV/AIDS	042.x-044.x	6
<i>Cardiac procedures</i>		
Arteriography using contrast material	88.4	
Angiocardiography using contrast material	88.5	
Phlebography	88.6	
Angiography using radioisotopes or radionuclides	92.01-92.19	
Angiography using ultrasound	88.71-88.79	
Lymphangiogram of upper limb	88.34	
Lymphangiogram of lower limb	88.36	
Contrast radiogram of brain	87.01-87.02	
Pneumogram	87.33	
Intrathoracic lumphangiogram	87.34	
Opaque dye contrast hysterosalpingogram	87.83	
Contrast seminal vesiculogram	87.91	
Contrast edididymogram	87.93	
Contrast vasogram	87.94	
Contrast pcreatogram	87.66	
Percutaneous hepatic cholangiogram	87.51	
intravenous cholangiogram	87.52	

Harding et al, *AJKD*, "US Trends in Hospitalizations for Dialysis-requiring Acute Kidney Injury in People With vs. Without Diabetes"

Other cholangiogram	87.54
Percutaneous coronary angiogram	V45.82
Coronary bypass graft	36.1
Coronary and vascular stent	36.0
Cardioversion	99.61

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\*Chronic kidney disease is not included because code 585 prior to 2005 was unable to distinguish different levels of disease severity. This change in coding limits analysis of trends in CKD between 2000 and 2015