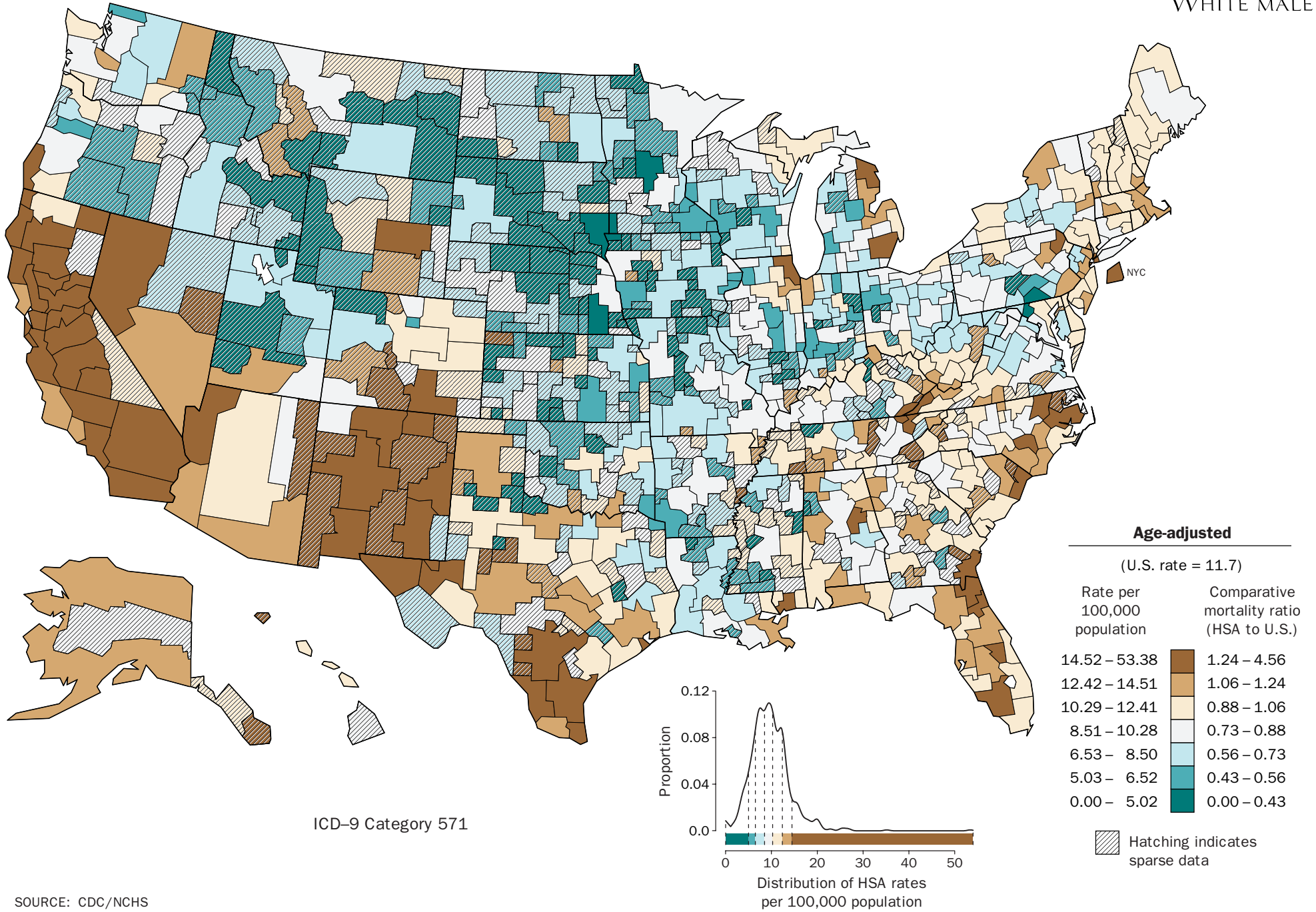
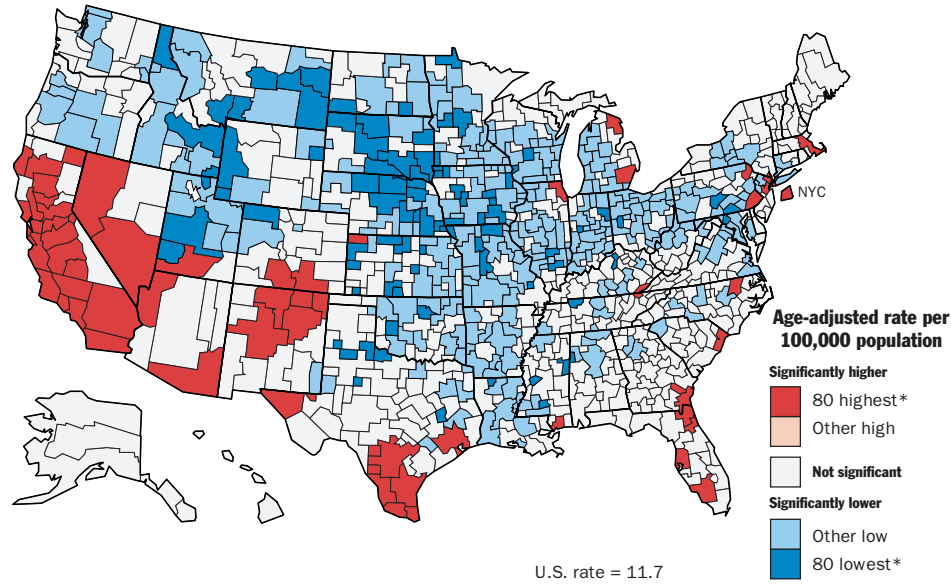


# AGE-ADJUSTED DEATH RATES BY HSA, 1988-92

LIVER DISEASE  
WHITE MALE



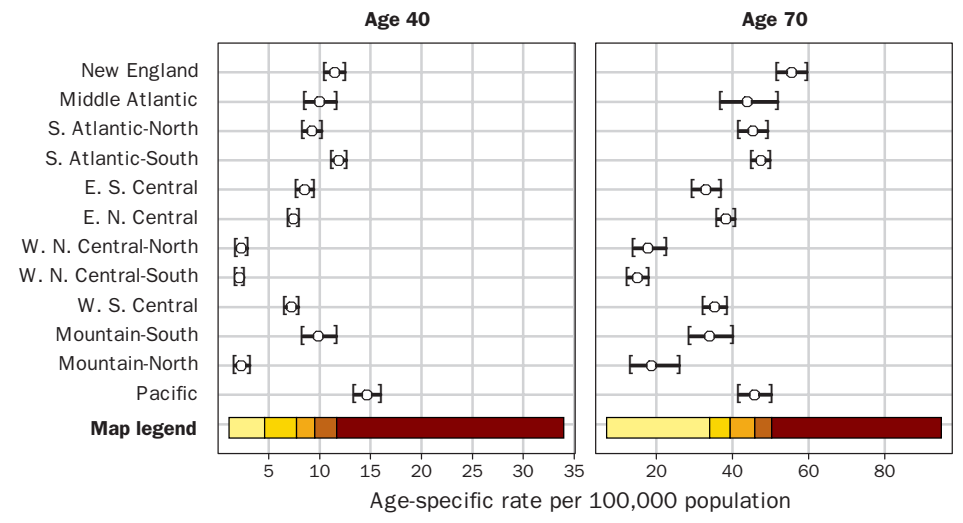
DEATH RATES OF EACH HSA  
COMPARED WITH U.S. RATE



SOURCE: CDC/NCHS

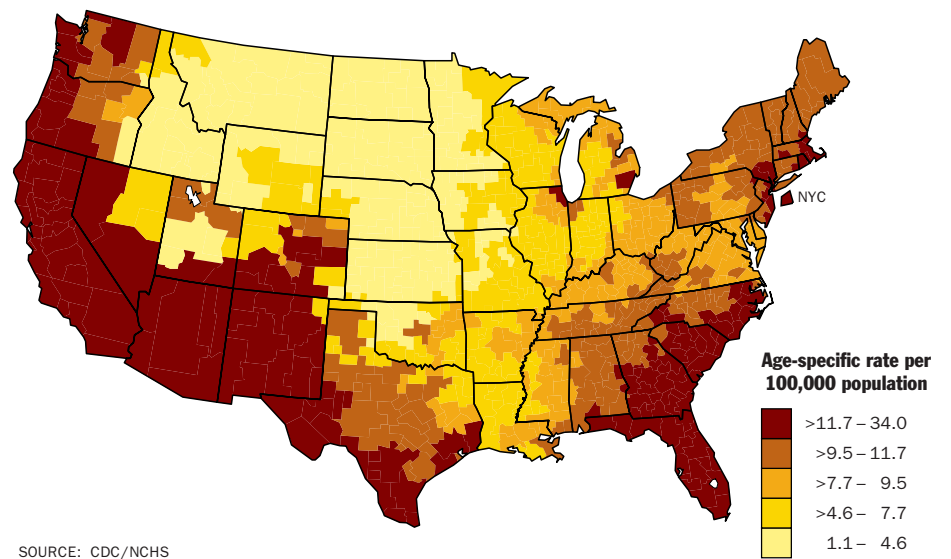
LIVER DISEASE  
WHITE MALE

PREDICTED REGIONAL RATES  
FOR SMOOTHED RATE MAPS



NOTE: Brackets indicate 95% confidence limits.  
SOURCE: CDC/NCHS

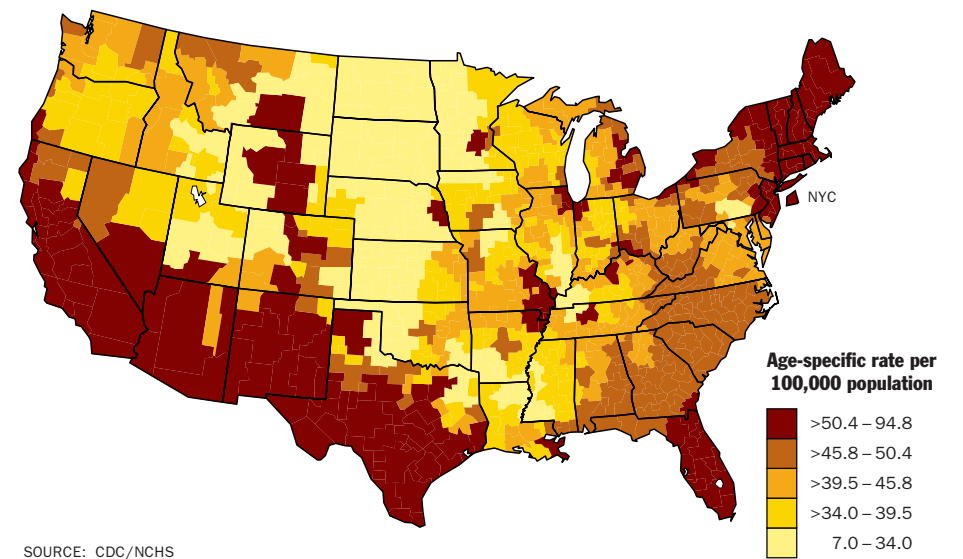
SMOOTHED DEATH RATES  
FOR AGE 40



SOURCE: CDC/NCHS

LIVER DISEASE  
WHITE MALE

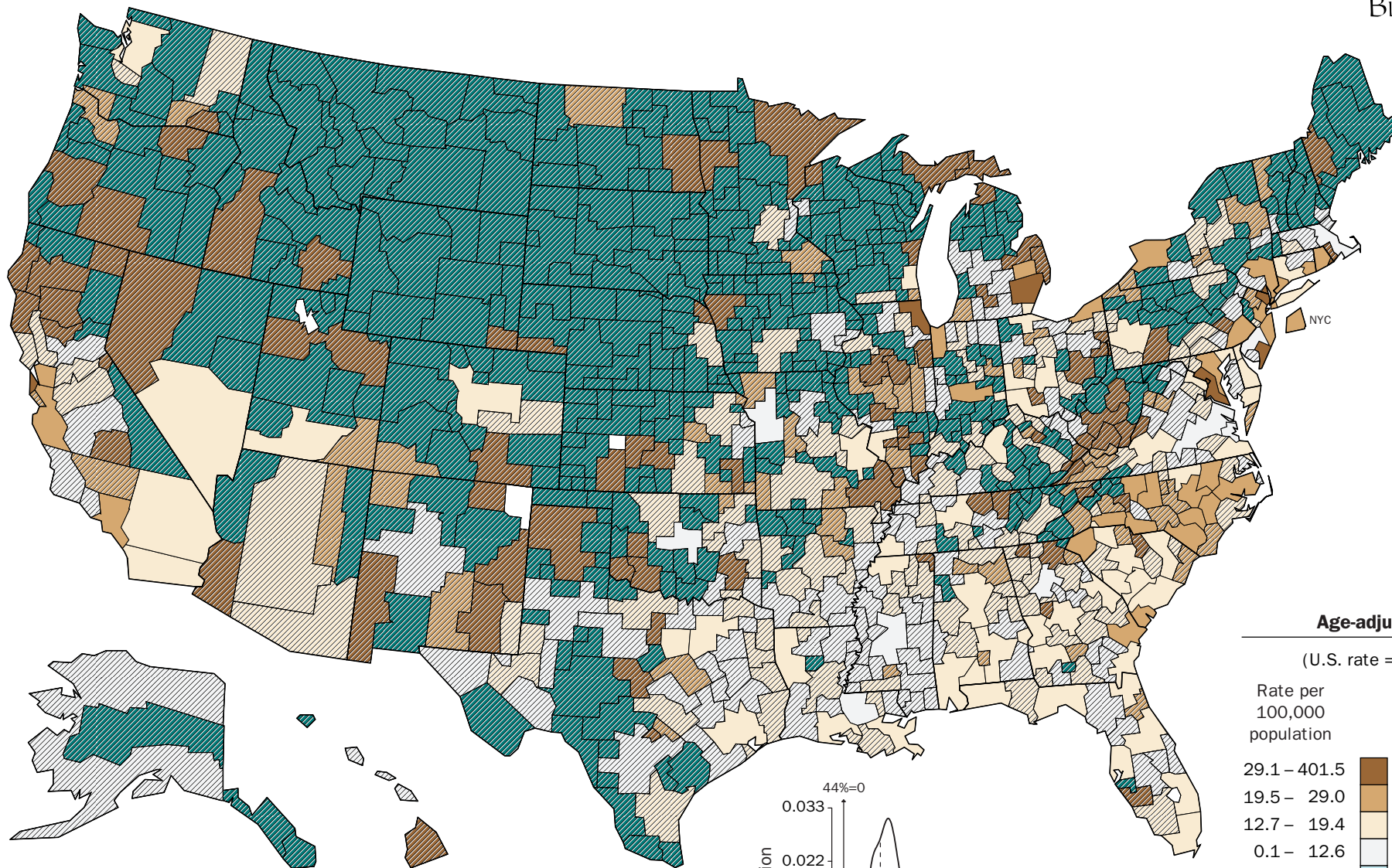
SMOOTHED DEATH RATES  
FOR AGE 70



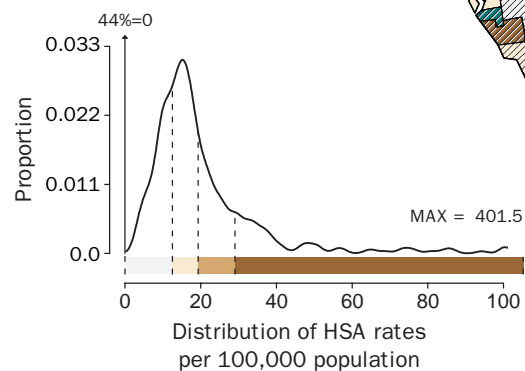
SOURCE: CDC/NCHS

# AGE-ADJUSTED DEATH RATES BY HSA, 1988-92

LIVER DISEASE  
BLACK MALE



ICD-9 Category 571



### Age-adjusted

(U.S. rate = 19.5)

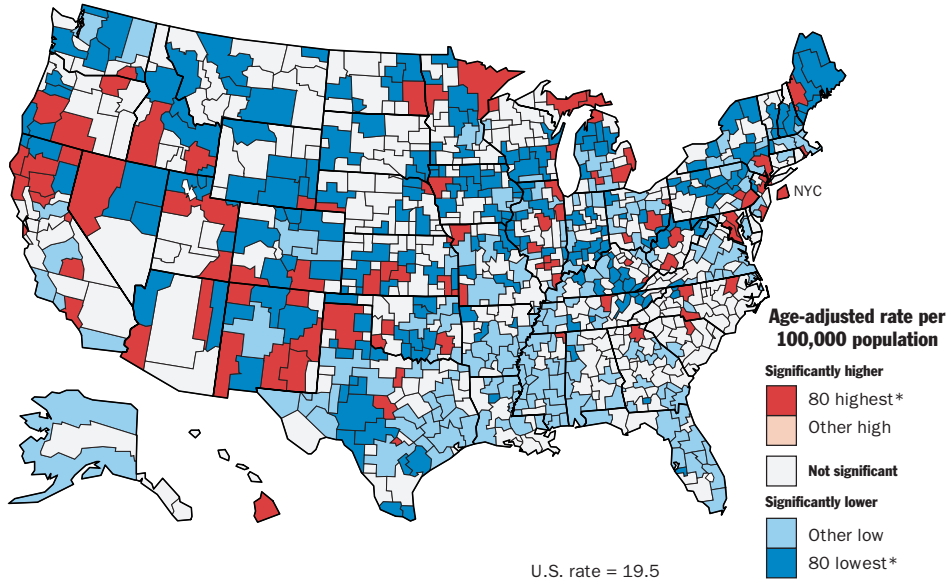
Rate per 100,000 population	Comparative mortality ratio (HSA to U.S.)
29.1 – 401.5	1.49 – 20.59
19.5 – 29.0	1.00 – 1.49
12.7 – 19.4	0.65 – 1.00
0.1 – 12.6	0.01 – 0.65
No HSA	No HSA
No HSA	No HSA
0.0	0.00

Hatching indicates sparse data

Zero population

DEATH RATES OF EACH HSA  
COMPARED WITH U.S. RATE

LIVER DISEASE  
BLACK MALE

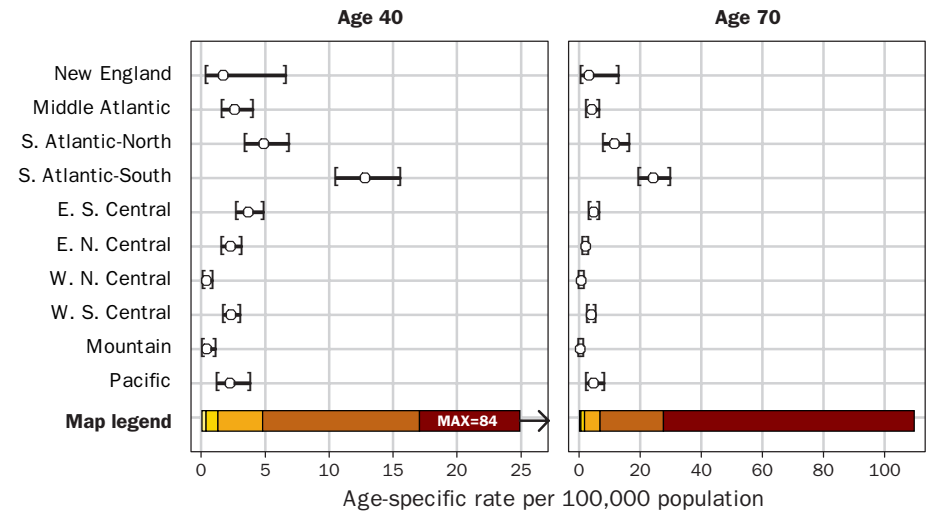


SOURCE: CDC/NCHS

\* See text

PREDICTED REGIONAL RATES  
FOR SMOOTHED RATE MAPS

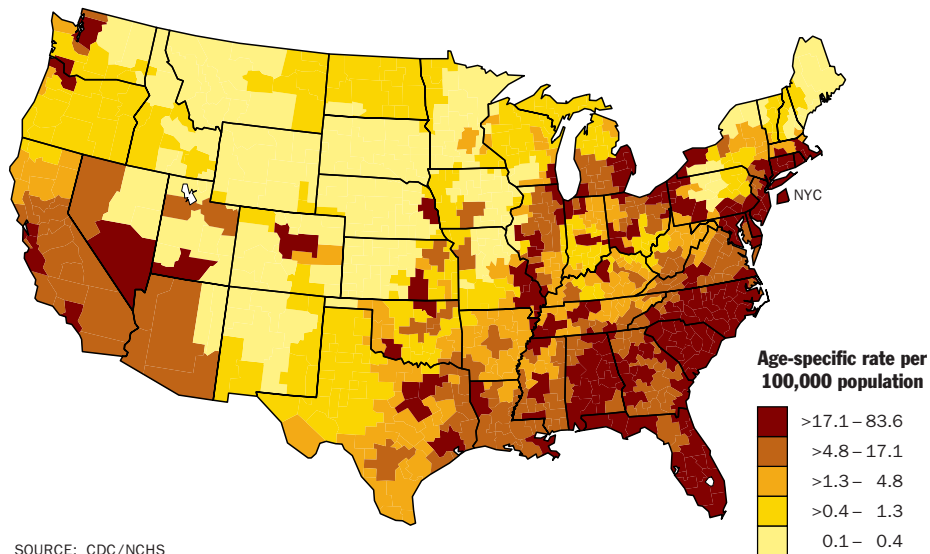
LIVER DISEASE  
BLACK MALE



NOTE: Brackets indicate 95% confidence limits.  
SOURCE: CDC/NCHS

SMOOTHED DEATH RATES  
FOR AGE 40

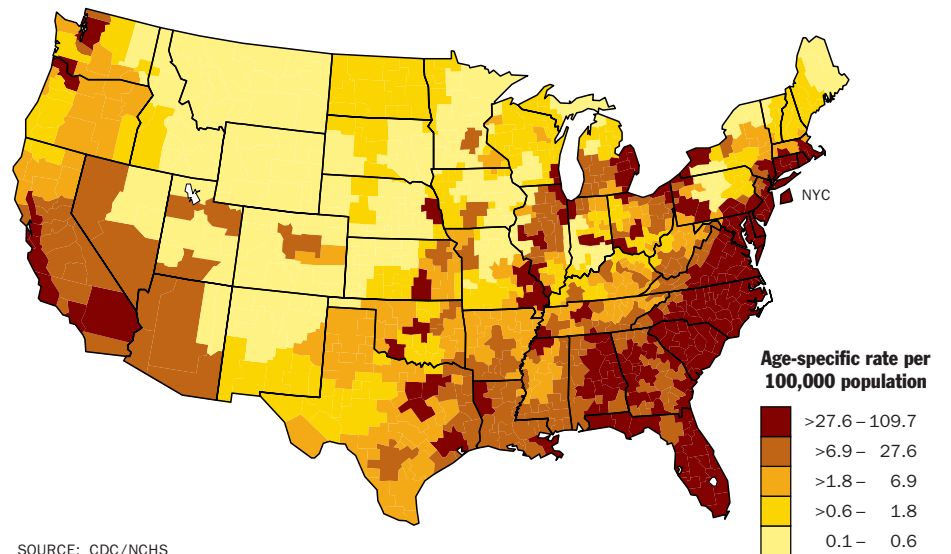
LIVER DISEASE  
BLACK MALE



SOURCE: CDC/NCHS

SMOOTHED DEATH RATES  
FOR AGE 70

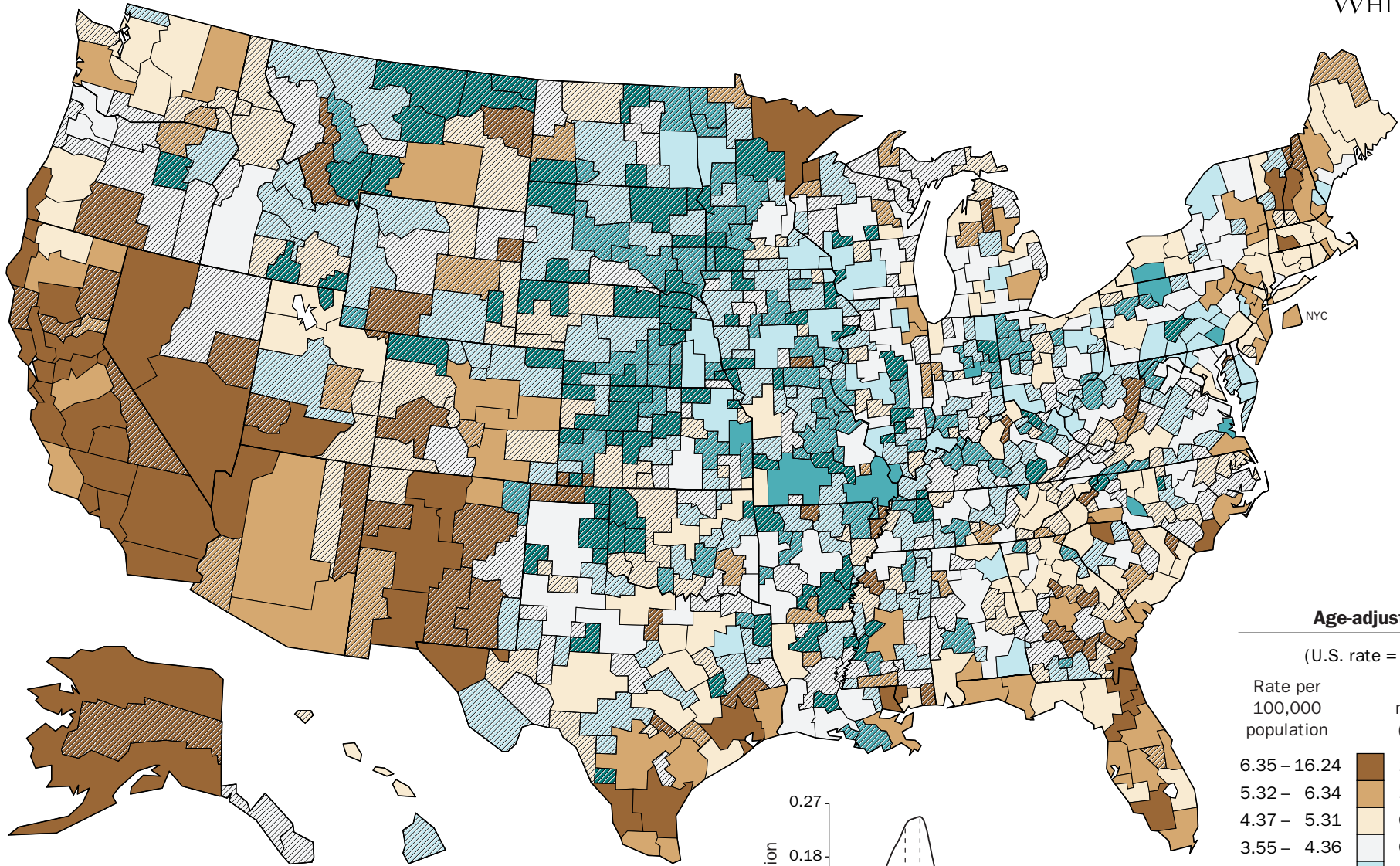
LIVER DISEASE  
BLACK MALE



SOURCE: CDC/NCHS

# AGE-ADJUSTED DEATH RATES BY HSA, 1988-92

LIVER DISEASE  
WHITE FEMALE

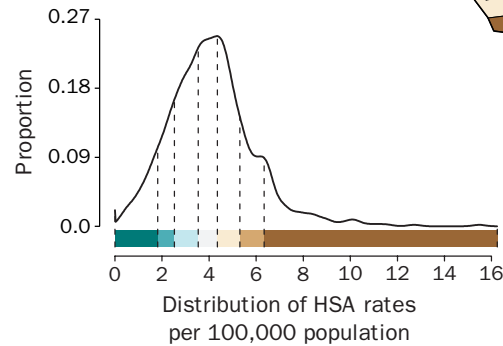


ICD-9 Category 571

### Age-adjusted

(U.S. rate = 4.9)

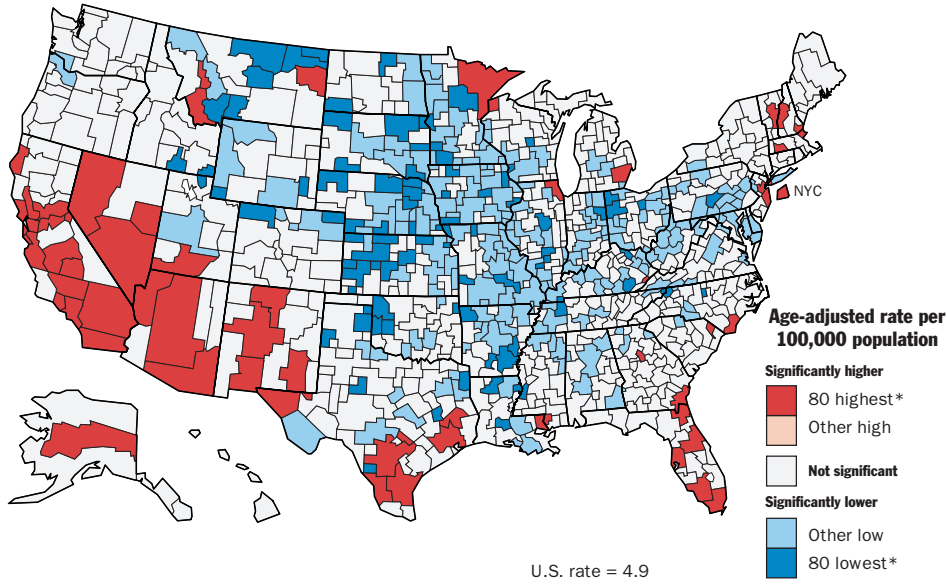
Rate per 100,000 population	Comparative mortality ratio (HSA to U.S.)
6.35 – 16.24	1.30 – 3.31
5.32 – 6.34	1.09 – 1.30
4.37 – 5.31	0.89 – 1.09
3.55 – 4.36	0.72 – 0.89
2.53 – 3.54	0.52 – 0.72
1.83 – 2.52	0.37 – 0.52
0.00 – 1.82	0.00 – 0.37



Hatching indicates sparse data

DEATH RATES OF EACH HSA  
COMPARED WITH U.S. RATE

LIVER DISEASE  
WHITE FEMALE

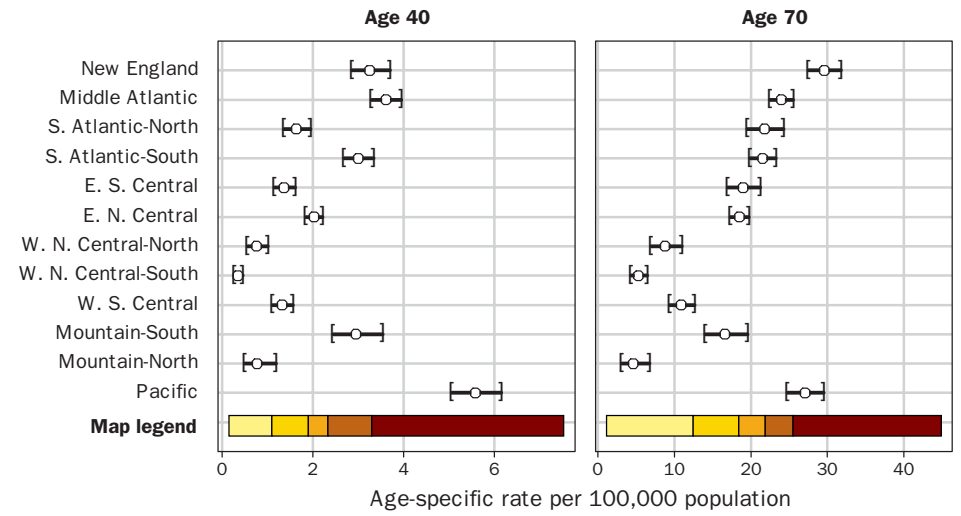


SOURCE: CDC/NCHS

\* See text

PREDICTED REGIONAL RATES  
FOR SMOOTHED RATE MAPS

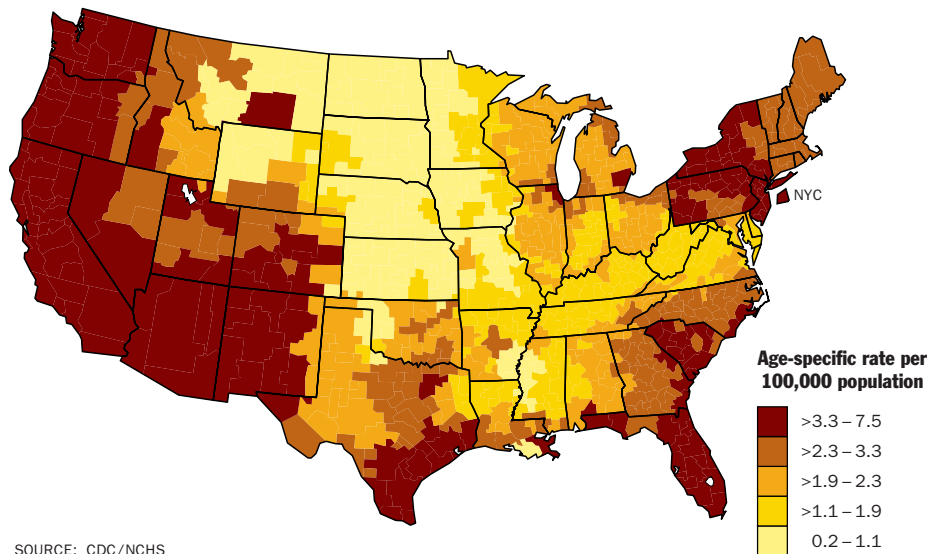
LIVER DISEASE  
WHITE FEMALE



NOTE: Brackets indicate 95% confidence limits.  
SOURCE: CDC/NCHS

SMOOTHED DEATH RATES  
FOR AGE 40

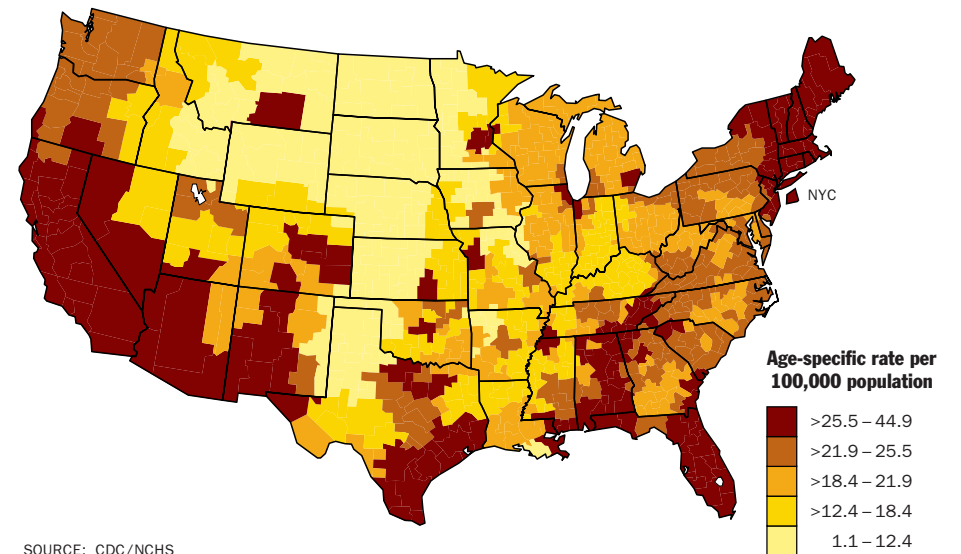
LIVER DISEASE  
WHITE FEMALE



SOURCE: CDC/NCHS

SMOOTHED DEATH RATES  
FOR AGE 70

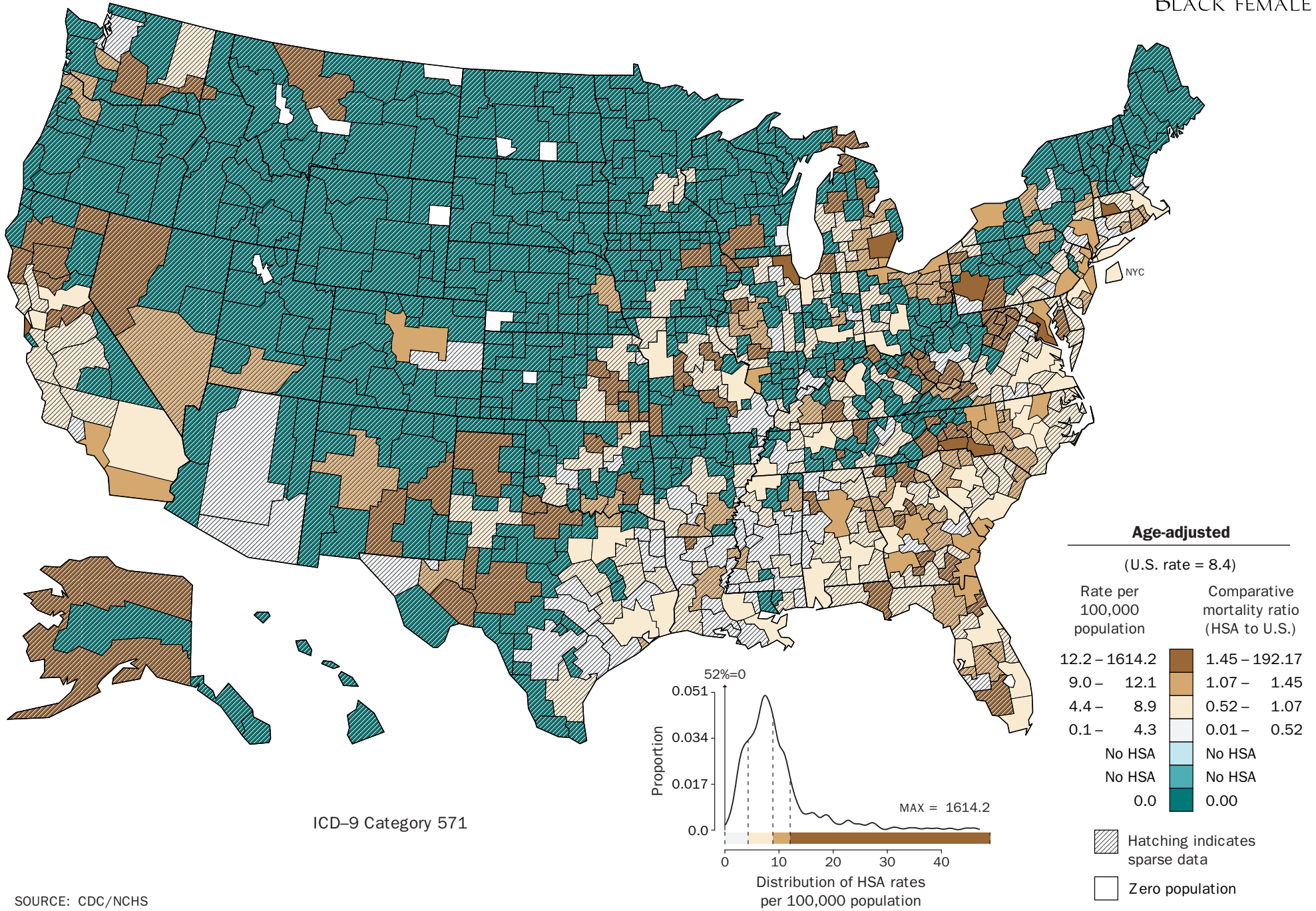
LIVER DISEASE  
WHITE FEMALE



SOURCE: CDC/NCHS

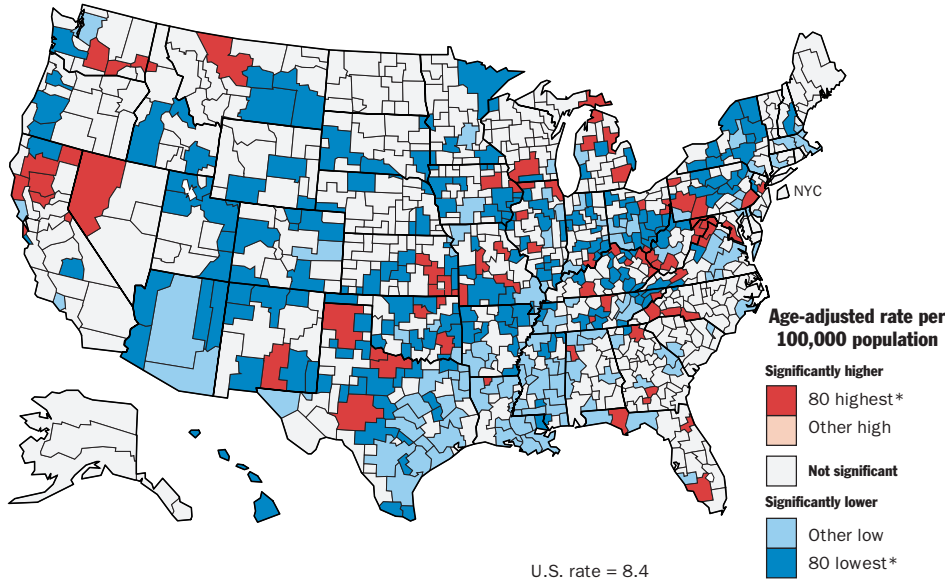
# AGE-ADJUSTED DEATH RATES BY HSA, 1988-92

LIVER DISEASE  
BLACK FEMALE



DEATH RATES OF EACH HSA  
COMPARED WITH U.S. RATE

LIVER DISEASE  
BLACK FEMALE

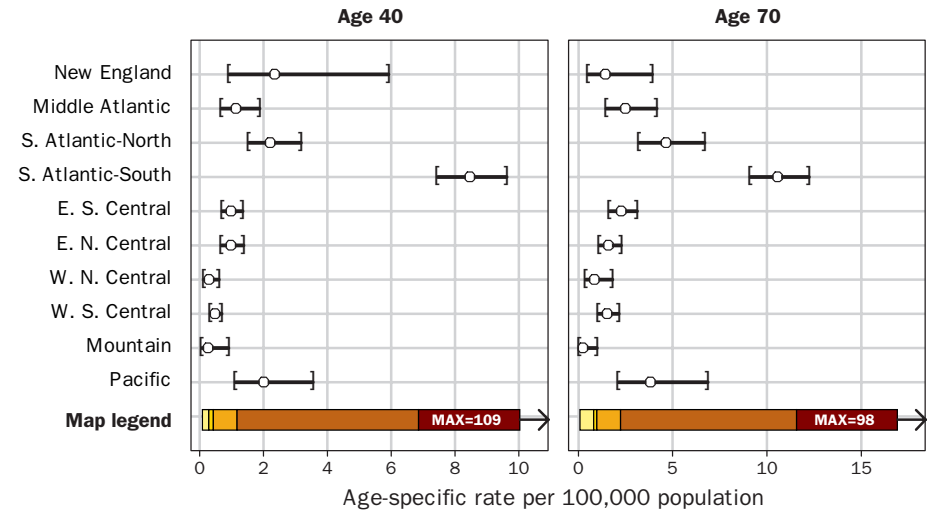


SOURCE: CDC/NCHS

\* See text

PREDICTED REGIONAL RATES  
FOR SMOOTHED RATE MAPS

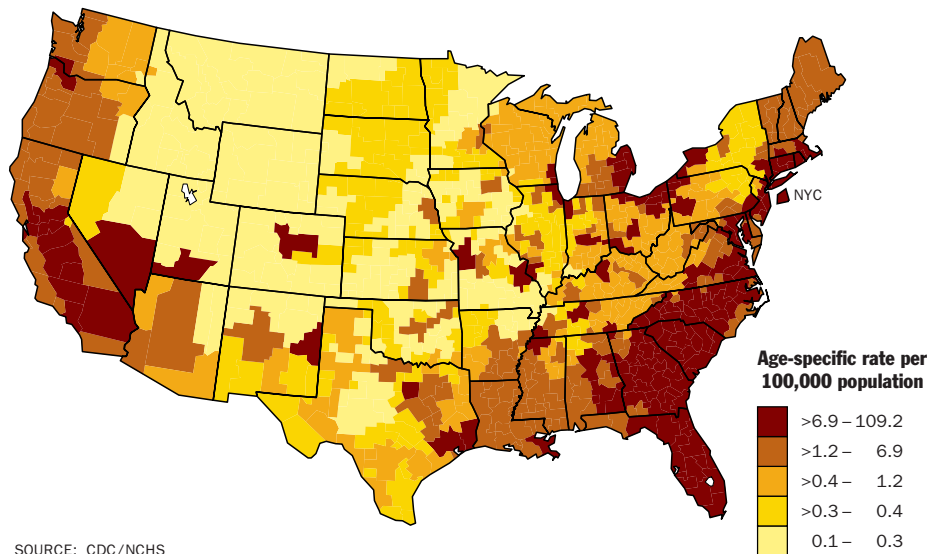
LIVER DISEASE  
BLACK FEMALE



NOTE: Brackets indicate 95% confidence limits.  
SOURCE: CDC/NCHS

SMOOTHED DEATH RATES  
FOR AGE 40

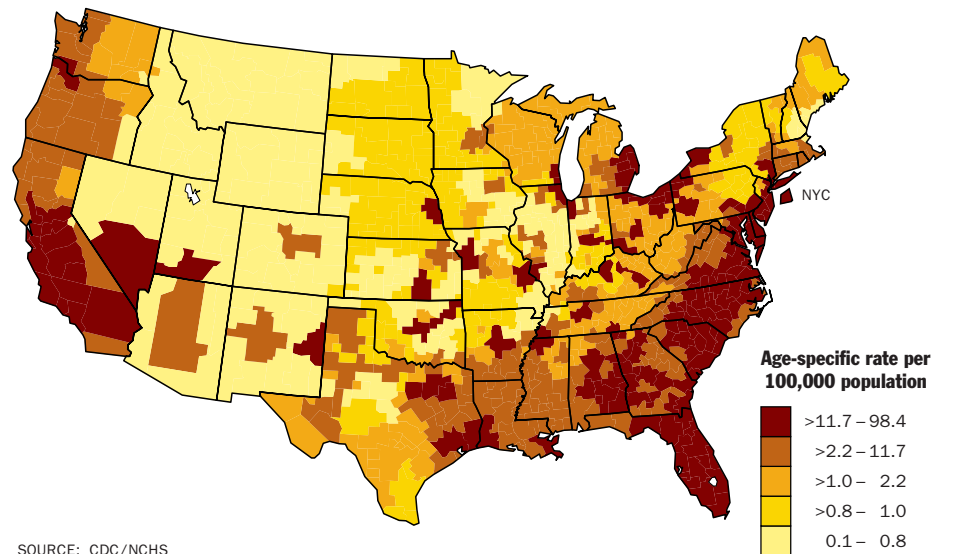
LIVER DISEASE  
BLACK FEMALE



SOURCE: CDC/NCHS

SMOOTHED DEATH RATES  
FOR AGE 70

LIVER DISEASE  
BLACK FEMALE



SOURCE: CDC/NCHS