**SUPPLEMENTAL TABLES**

**TABLE 3S—Main Effects and Interactions of Neighborhood Poverty and Primary Payer by Gender on 6-Year Colon Cancer Survival: Survival Rates and Survival Rate Ratios**

\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Women Men

No.a Rate RR (95% CI) No.a Rate RR (95% CI)

Independent main effects

Neighborhood povertyb

< 5% poor 1,061 .509 1.00 1,039 .496 1.00

5-29% poor 1,109 .443 **0.87** (0.80, 0.95) 991 .404 **0.81** (0.77, 0.85)

> 30% poor 1,121 .348 **0.68** (0.62, 0.75) 979 .367 **0.74** (0.70, 0.78)

Primary payerb

Uninsured 239 .272 1.00 251 .256 1.00

Medicaid 170 .435 **1.60** (1.40, 1.83) 114 .419 **1.64** (1.41, 1.91)

Medicare 1,573 .476 **1.75** (1.59, 1.92) 1,217 .394 **1.54** (1.46, 1.62)

Private 1,309 .484 **1.78** (1.62, 1.95) 1,427 .465 **1.82** (1.65, 2.00)

Adjusted main effects

Neighborhood povertyc

< 5% poor 1,061 .499 1.00 1,039 .493 1.00

5-29% poor 1,109 .441 **0.88** (0.80, 0.97) 991 .400 **0.81** (0.74, 0.89)

> 30% poor 1,121 .404 **0.81** (0.74, 0.89) 979 .396 **0.80** (0.72, 0.88)

Primary payerd

Uninsured 239 .259 1.00 251 .256 1.00

Medicaid 170 .473 **1.83** (1.40, 2.39) 114 .422 **1.65** (1.16, 2.34)

Medicare 1,573 .498 **1.92** (1.60, 2.30) 1,217 .392 **1.53** (1.25, 1.88)

Private 1,309 .475 **1.83** (1.51, 2.22) 1,427 .461 **1.80** (1.49, 2.17)

\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Poverty by payer interaction among women

> 30% poor 5-29% poor < 5% poor

No.a Rate RR (95% CI) No.a Rate RR (95% CI) No.a Rate RR (95% CI)

\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Primary payerb

Uninsured 105 .306 1.00 74 .271 1.00 60 .206 1.00

Medicaid 110 .344 1.12 (0.79, 1.58) 48 .483 **1.78** (1.10, 2.87) 12 .597 **2.90** (1.35, 6.24)

Medicare 587 .409 **1.34** (1.01, 1.78) 549 .486 **1.79** (1.29, 2.72) 437 .600 **2.91** (2.02, 4.18)

Private 319 .436 **1.42** (1.06, 1.90) 438 .458 **1.69** (1.20, 2.38) 552 .535 **2.60** (1.77, 3.81)

Notes. RR = standardized rate ratio, CI = confidence interval. Confidence intervals were derived from the Mantel-Haenszel 2 test. All adjustments were internal and direct, using this study’s population of colon cancer cases as the standard.

a Number of incident colon cancer cases.

b Rates were age-adjusted across these categories: 25-59, 60-69, 70-79 and 80 or older.

c Rates were adjusted for age and primary payer across these categories: 25-59, 60-69, 70-79 and 80 or older; and uninsured, Medicaid, Medicare and private insurance.

d Rates were adjusted for age and neighborhood poverty across these categories: 25-59, 60-69, 70-79 and 80 or older; and < 5% poor, 5-29% poor and > 30% poor.

**TABLE 4S—Main Effects and Interactions of Neighborhood Poverty and Primary Payer on High Quality Investigation and Early Stage at Diagnosis: Rates and Rate Ratios**

\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

15 or more regional Stage I or stage II

lymph nodes examined at the time of diagnosis

No.a Rate RR (95% CI) No.a Rate RR (95% CI)

Independent main effects

Neighborhood povertyb

< 5% poor 1,727 .265 1.00 1,959 .579 1.00

5-29% poor 1,646 .249 0.94 (0.83, 1.05) 1,923 .530 **0.91** (0.86, 0.97)

> 30% poor 1,583 .253 0.95 (0.84, 1.07) 1,894 .552 0.95\* (0.90, 1.01)

Primary payerb

Uninsured 241 .224 1.00 310 .497 1.00

Medicaid 229 .271 1.21 (0.88, 1.66) 261 .525 1.06 (0.89, 1.26)

Medicare 2,221 .265 1.18 (0.93, 1.49) 2,601 .557 **1.12** (1.00, 1.25)

Private 2,265 .244 1.09 (0.78, 1.39) 2,604 .556 **1.12** (1.00, 2.25)

Adjusted main effects

Neighborhood povertyc

< 5% poor 1,727 .267 1.00 1,959 .570 1.00

5-29% poor 1,646 .244 0.91 (0.80, 1.03) 1,923 .524 **0.92** (0.87, 0.97)

> 30% poor 1,583 .271 1.01 (0.94, 1.09) 1,894 .552 0.97 (0.92, 1.02)

Primary payerd

Uninsured 241 .208 1.00 310 .496 1.00

Medicaid 229 .252 1.21 (0.88, 1.66) 261 .530 1.07 (0.90, 1.27)

Medicare 2,221 .275 **1.32** (1.04, 1.68) 2,601 .550 1.11\* (0.99, 1.24)

Private 2,265 .244 1.17 (0.92, 1.49) 2,604 .554 **1.12** (1.00, 1.26)

\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Poverty by payer interaction on high quality investigation

> 30% poor 5-29% poor < 5% poor

No.a Rate RR (95% CI) No.a Rate RR (95% CI) No.a Rate RR (95% CI)

\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Primary payerb

Uninsured 114 .269 1.00 72 .246 1.00 55 .182 1.00

Medicaid 144 .286 1.06 (0.79, 1.42) 63 .183 0.74 (0.36, 1.51) 22 .281 1.54 (0.58, 4.07)

Medicare 794 .243 0.90 (0.58, 1.55) 753 .228 0.93 (0.66, 1.31) 674 .348 **1.91** (1.15, 3.16)

Private 531 .254 0.94 (0.51, 1.72) 758 .239 0.97 (0.72, 1.31) 976 .265 1.46 (0.87, 2.44)

\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Notes. RR = standardized rate ratio, CI = confidence interval. Confidence intervals were derived from the Mantel-Haenszel 2 test. All adjustments were internal and direct, using this study’s population of colon cancer cases as the standard.

a Number of incident colon cancer cases.

b Rates were age-adjusted across these categories: 25-59, 60-69, 70-79 and 80 or older.

c Rates were adjusted for age and primary payer across these categories: 25-59, 60-69, 70-79 and 80 or older; and uninsured, Medicaid, Medicare and private insurance.

d Rates were adjusted for age and neighborhood poverty across these categories: 25-59, 60-69, 70-79 and 80 or older; and < 5% poor, 5-29% poor and > 30% poor.

\* p < .10.

**TABLE 5S—Main Effects of Neighborhood Poverty and Primary Payer by Gender on Receipt of Colon Cancer Surgery among Patients with Non-Metastasized Disease: Rates and Rate Ratios**

\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Women Men

No.a Rate RR (95% CI) No.a Rate RR (95% CI)

Independent main effects

Neighborhood povertyb

< 5% poor 774 .989 1.00 713 .993 1.00

5-29% poor 762 .978 0.99\* (0.98, 1.00) 675 .981 **0.99** (0.98, 1.00)

> 30% poor 761 .968 **0.98** (0.97, 0.99) 637 .983 0.99\* (0.98, 1.00)

Primary payerb

Uninsured 94 .903 1.00 109 .931 1.00

Medicaid 113 .989 **1.10** (1.03, 1.17) 74 .997 **1.07** (1.01, 1.13)

Medicare 1,135 .986 **1.09** (1.06, 1.12) 844 .983 **1.06** (1.03, 1.09)

Private 955 .978 **1.08** (1.04, 1.12) 998 .995 **1.07** (1.05, 1.09)

Adjusted main effects

Neighborhood povertyc

< 5% poor 774 .984 1.00 713 .990 1.00

5-29% poor 762 .976 0.99 (0.97, 1.01) 675 .962 **0.97** (0.95, 0.99)

> 30% poor 761 .960 **0.97** (0.95, 0.99) 637 .982 0.99 (0.97, 1.01)

Primary payerd

Uninsured 94 .863 1.00 109 .859 1.00

Medicaid 113 .999 **1.16** (1.08, 1.25) 74 .999 **1.16** (1.06, 1.27)

Medicare 1,135 .984 **1.14** (1.10, 1.18) 844 .981 **1.14** (1.10, 1.19)

Private 955 .971 **1.13** (1.08, 1.18) 998 .993 **1.16** (1.12, 1.20)

\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Notes. RR = standardized rate ratio, CI = confidence interval. Confidence intervals were derived from the Mantel-Haenszel 2 test. All adjustments were internal and direct, using this study’s population of colon cancer cases as the standard.

a Number of incident colon cancer cases.

b Rates were age-adjusted across these categories: 25-59, 60-69, 70-79 and 80 or older.

c Rates were adjusted for age and primary payer across these categories: 25-59, 60-69, 70-79 and 80 or older; and uninsured, Medicaid, Medicare and private insurance.

d Rates were adjusted for age and neighborhood poverty across these categories: 25-59, 60-69, 70-79 and 80 or older; and < 5% poor, 5-29% poor and > 30% poor.

\* p < .10.

**TABLE 6S—Main Effects of Neighborhood Poverty and Primary Payer on Chemotherapy Receipt and Post-Surgical Wait for Chemotherapy of 60 Days or More Among Patients with Stage II or Stage III Colon Cancer: Rates and Rate Ratios**

\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Independent effectsa Adjusted effectsa

No.b Rate RR (95% CI) No.b Rate RR (95% CI)

Received chemotherapy after surgery

Neighborhood poverty

< 5% poor 1,103 .377 1.00 1,103 .381c 1.00

5-29% poor 1,066 .352 0.93 (0.83, 1.04) 1,066 .351c 0.92 (0.82, 1.03)

> 30% poor 1,045 .309 **0.82** (0.73, 0.92) 1,045 .313c **0.82** (0.73, 0.92)

Primary payer

Uninsured/Medicaid 311 .373 1.00 311 .380d 1.00

Medicare/Private 2,903 .369 0.99 (0.94, 1.05) 2,903 .366d 0.96 (0.81, 1.14)

Waited 60 days or more for adjuvant chemotherapy

Neighborhood poverty

< 5% poor 421 .167 1.00 421 .169c 1.00

5-29% poor 369 .192 1.15 (0.86, 1.54) 369 .197c 1.17 (0.87, 1.57)

> 30% poor 326 .225 **1.35** (1.00, 1.82) 326 .234c **1.38** (1.03, 1.84)

Primary payer

Uninsured/Medicaid 148 .351 1.00 148 .343d 1.00

Medicare/Private 968 .180 **0.51** (0.39, 0.67) 968 .180d **0.52** (0.40, 0.62)

\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Notes. RR = standardized rate ratio, CI = confidence interval. Confidence intervals were derived from the Mantel-Haenszel 2 test. All adjustments were internal and direct, using this study’s population of colon cancer cases as the standard.

a Rates were age-adjusted across these categories: 25-59, 60-69, 70-79 and 80 or older.

b Number of incident colon cancer cases.

c Rates were adjusted for age and primary payer across these categories: 25-59, 60-69, 70-79 and 80 or older; and uninsured, Medicaid, Medicare and private insurance.

d Rates were adjusted for age and neighborhood poverty across these categories: 25-59, 60-69, 70-79 and 80 or older; and < 5% poor, 5-29% poor and > 30% poor.

**TABLE 7S—Main Effects and Interactions of Neighborhood Poverty and Primary Payer by Gender on Receipt of Optimum Treatmenta Among Colon Cancer Patients with Stage III Disease: Rates and Rate Ratios**

\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Women Men

No.b Rate RR (95% CI) No.b Rate RR (95% CI)

Independent main effects

Neighborhood povertyc

< 5% poor 133 .714 1.00 133 .656 1.00

5-29% poor 131 .573 **0.80** (0.67, 0.96) 115 .649 0.99 (0.69, 1.44)

> 30% poor 109 .582 **0.81** (0.67, 0.98) 103 .626 0.95 (0.78, 1.15)

Primary payerc

Uninsured or Medicaid 53 .684 1.00 42 .575 1.00

Medicare or private 320 .618 0.90 (0.71, 1.14) 309 .651 1.13 (0.89, 1.44)

Adjusted main effects

Neighborhood povertyd

< 5% poor 133 .710 1.00 133 .670 1.00

5-29% poor 131 .577 **0.81** (0.67, 0.98) 115 .649 0.97 (0.77, 1.22)

> 30% poor 109 .567 **0.80** (0.66, 0.97) 103 .635 0.95 (0.81, 1.12)

Primary payere

Uninsured or Medicaid 53 .655 1.00 42 .627 1.00

Medicare or private 320 .610 0.93 (0.76, 1.14) 309 .648 1.03 (0.87, 1.22)

\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Poverty by payer interaction among men

> 30% poor < 30% poor

No.b Rate RR (95% CI) No.b Rate RR (95% CI)

\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Primary payerc

Uninsured or Medicaid 19 .413 1.00 23 .694 1.00

Medicare or private 84 .667 **1.62** (1.00, 2.61) 225 .645 0.93 (0.70, 1.24)

\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Notes. RR = standardized rate ratio, CI = confidence interval. Confidence intervals were derived from the Mantel-Haenszel 2 test. All adjustments were internal and direct, using this study’s population of colon cancer cases as the standard.

a Optimum treatment: received colon cancer-directed surgery within 30 days of diagnosis and received adjuvant chemotherapy within 45 days of surgery.

b Number of incident colon cancer cases.

c Rates were age-adjusted across these categories: 25-64 and 65 or older.

d Rates were adjusted for age and primary payer across these categories: 25-64 and 65 or older; and uninsured/Medicaid and Medicare/private insurance.

e Rates were adjusted for age and neighborhood poverty across these categories: 25-64 and 65 or older; and < 5% poor, 5-29% poor and > 30% poor.