SUPPLEMENTARY MATERIAL

<u>APPENDIX A</u> Sample Characteristics for the Surveys

| | Survey Fielded in: | | | U.S. Population | |
|-------------------------------|--------------------|---------|--------------|--------------------|--|
| Respondent Characteristics | 2010 | 2014 | 2014 2015 20 | | |
| _ | (n=849) | (n=787) | (n=1,457) | | |
| Socio-Demographics | | | | | |
| Age | | | | | |
| <30 | 10.6% | 17.3% | 15.1% | 23.1% a | |
| 30-44 | 37.7% | 30.0% | 22.9% | 24.1 % | |
| 45-60 | 38.3% | 28.5% | 29.7% | 25.1% | |
| >60 | 13.4% | 24.1% | 32.3% | 27.7% | |
| Gender | | | | | |
| Female | 50.1% | 50.9% | 52.9% | 51.1% | |
| Male | 49.9% | 49.1% | 47.1% | 48.9% | |
| Race/Ethnicity | | | | | |
| White | 73.9% | 71.4% | 76.2% | 69.6% ^a | |
| African American | 10.8% | 10.1% | 7.8% | 11.2 % | |
| Latino | 8.7% | 10.4% | 10.2% | 12.7% | |
| Other | 6.6% | 8.1% | 5.8% | 6.5% | |
| Education | | | | | |
| High School or Less | 38.9% | 31.3% | 33.8% | 44.1% ^a | |
| Some College | 28.6% | 31.1% | 28.4% | 25.9% | |
| College Graduate | 32.5% | 37.6% | 37.9% | 29.9% | |
| Health Status and Utilization | | | | | |
| Chronic Health Problems | | | | | |
| Yes | 39.9% | 44.5% | 44.6% | 45.7% ^ь | |
| Self-Reported Health | | | | | |
| Fair/Poor | 15.0% | 13.1% | 12.5% | 12.9% ^c | |
| Good | 35.3% | 33.8% | 36.5% | 26.7% | |
| Very Good/Excellent | 49.2% | 53.1% | 50.9% | 60.3% | |

Sources

^a U.S. Census, Statistical Abstract of the United States: 2012 (Washington DC: U.S. Department of Commerce).

^b Ward BW, Schiller JS, Goodman RA. Multiple Chronic Conditions Among US Adults: A 2012 Update. Prev Chronic Dis 2014;11:E62. ^c Blackwell DL, Lucas JW, Clarke TC Summary health statistics for U.S. adults: national health interview survey, 2012. Vital Health

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APPENDIX B

Types of Quality Information Encountered Through Active and Passive Exposure

2014-2015

Percent of Respondents

(age 25-64 only)

| Turne of MD Quality Information Coop | Passive Consumers | | Active Information Seekers* | |
|--|----------------------|------|--------------------------------|-------|
| Type of MD Quality Information Seen In Past 12 Months | 2014 | 2015 | 2014 | 2015 |
| Patient experience measures | 1.9% | 3.6% | 60.0% | 52.4% |
| Clinical quality metrics | 2.2% | 3.8% | 25.2% | 26.7% |
| Patient safety metrics | 0.0% | 1.2% | 12.1% | 10.6% |
| Patient comments | 2.2% | 4.9% | 69.6% | 67.8% |
| | | | | |
| Any quality information identified above | 4.5% | 7.9% | 86.1% | 84.9% |
| Saw at least one quantified metric | 3.9% | 6.3% | 72.2% | 62.3% |
| Saw comments only | 0.7% | 1.7% | 13.9% | 22.6% |

Notes: Calculated by the authors from their own surveys

* Reported seeking information on MD quality from the internet in previous 12 months.

APPENDIX C

Consumer Attributes Associated with Actively Seeking Clinician Quality Information

Logistic Regression Results: Combined 2014-2015 Sample Odd-Ratios, All Ages 18+

| EXPLANATORY VARIABLES | Searched for Physician Quality Information | | |
|--|---|--|--|
| | | | |
| | | | |
| High School or Less (Comparison) | | | |
| Some College | 0.71 * | | |
| College Grad+ | 1.18 | | |
| T | 1.00 | | |
| Income | 1.08 | | |
| Age | 0.79 * | | |
| Female | 1.43 * | | |
| | | | |
| White (Comparison) Black | 1.66 * | | |
| | 1.38 * | | |
| Mixed/Other | 1.57 * | | |
| | 1.57 | | |
| Healthy (Comparison) | | | |
| Acute Condition | 1.16 | | |
| Chronic Condition | 1.61 * | | |
| | | | |
| No Physician Quality Report (Comparison) | | | |
| Physician Quality Report | 0.89 | | |
| | | | |
| 2015 Sample (Comparison) | | | |
| 2014 Sample | 0.56 * | | |
| | | | |
| Percent of Variance Explained | 0.08 | | |
| Number of Observations | 2,243 | | |

* Statistically significant p<0.05