**Supplemental Table 1. Study Cohort Construction by Cancer Site, SEER-Medicare, 2007-2011**

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| **Study criteria** | **Breast** | **Colon** | **Lung** |
| Diagnosed with lung, breast, or colon cancer: Jan 2007-Dec 2011 | 167,384 | 84,002 | 158,548 |
| First primary cancer | 154,502 | 78,310 | 145,400 |
| Lung: AJCC stage I-II Colon AJCC stage II-III Breast AJCC stage I-III | 113,273 | 37,235 | 33,329 |
| Female only breast cancers | 112,262 | - | - |
| Age 66+ years at diagnosis | 71,108 | 28,683 | 25,582 |
| Known marital status | 67,861 | 27,433 | 24,644 |
| Not diagnosed at death | 67,854 | 27,416 | 24,616 |
| Survived past the month of diagnosis | 67,792 | 26,772 | 24,214 |
| 12+ months of Medicare Parts A/B fee-for services coverage (no HMO) | 43,191 | 17,317 | 16,344 |
| Had Medicare Part D coverage in the month of diagnosis | 22,890 | 8,873 | 8,298 |
| Had 1+ prescriptions dispensed in the month of diagnosis | 19,318 | 7,283 | 7,237 |