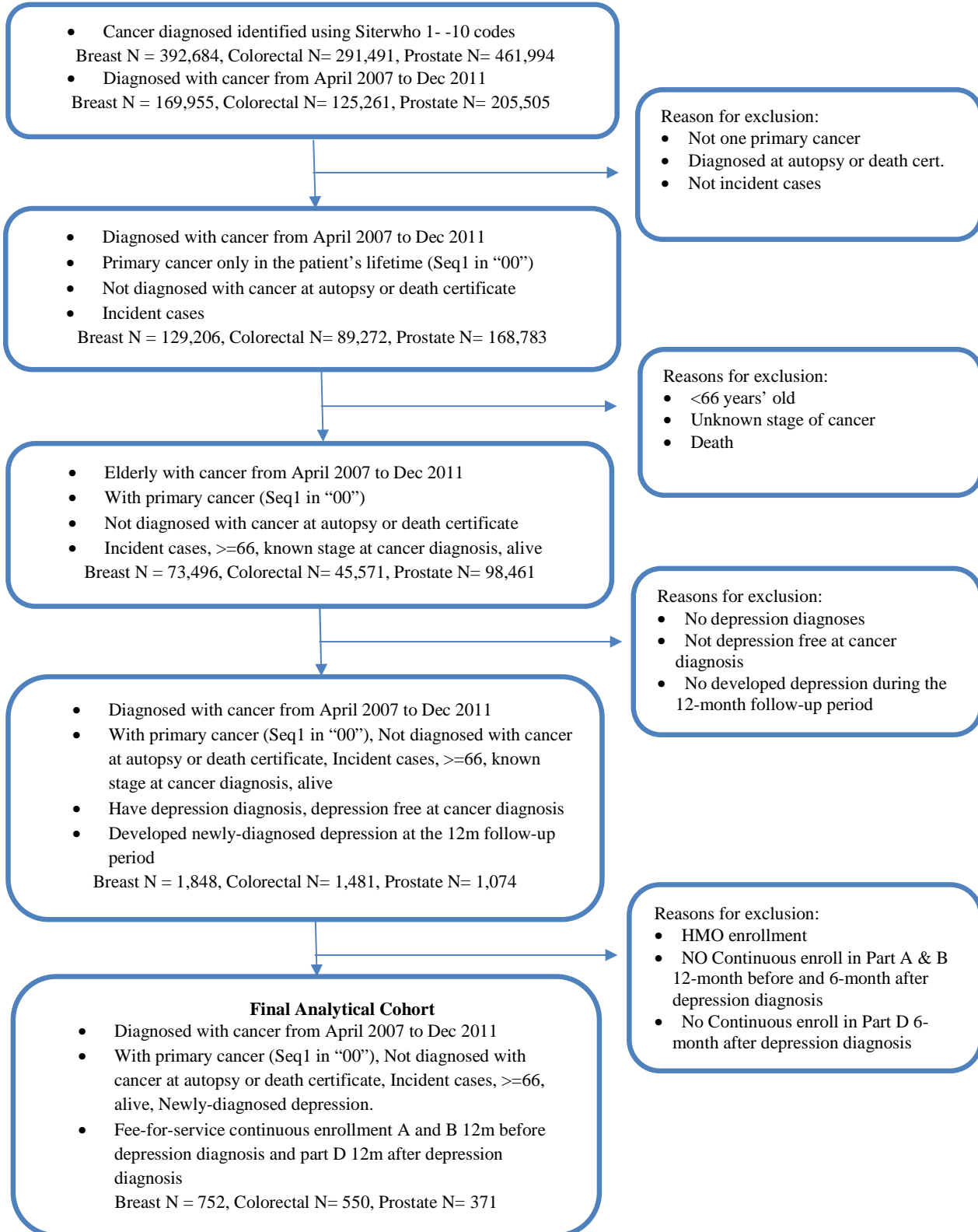


Appendix 1.1 Study Cohort Development Flow Diagram for Study Population of Elderly Medicare Beneficiaries Diagnosed with Incident Breast, Colorectal or Prostate cancer and Newly-diagnosed Depression



Appendix 1.2
Adjusted Odds Ratios and 95% Confidence Intervals of Depression Treatment Categories by
Cancer Type
from Multinomial Logistic Regression on Depression Treatment Categories
Elderly Fee-for-service Medicare beneficiaries with Breast, Colorectal or Prostate Cancer

SEER-Medicare data from 2007-2012

	Antidepressants		Psychotherapy only		Combined AD/Psych	
	Only					
	AOR	95%CI	AOR	95%CI	AOR	95%CI
Reference Group = Women Breast Cancer						
Cancer types						
Women Colorectal Cancer	.93	.67-1.29	.97	.59-1.60	.72	.47-1.09
Men Colorectal Cancer	.87	.55-1.35	1.54	.81-2.95	1.04	.60-1.81
Men Prostate Cancer	1.10	.76-1.57	1.01	.56-1.82	1.17	.74-1.85
Reference Group = Men Prostate Cancer						
Women Breast Cancer	.91	.64-1.31	.99	.55-1.79	.85	.54-1.35
Women Colorectal Cancer	.85	.57-1.28	.96	.51-1.81	.61	.37-1.03
Men Colorectal Cancer	.79	.48-1.30	1.53	.74-3.18	.89	.48-1.65

Note: Based on 1,673 elderly fee-for-service Medicare beneficiaries with incident breast, Colorectal or prostate cancer and Newly-diagnosed depression who were continuously enrolled in Medicare Part A and B during the observation period and Part D during the follow-up period. Asterisks represent significant differences in study population characteristics by depression treatment categories, derived from multinomial logistic regression.

AD: Antidepressants; AOR: Adjusted odds ratio; CI: Confidence interval; Psych: Psychotherapy.