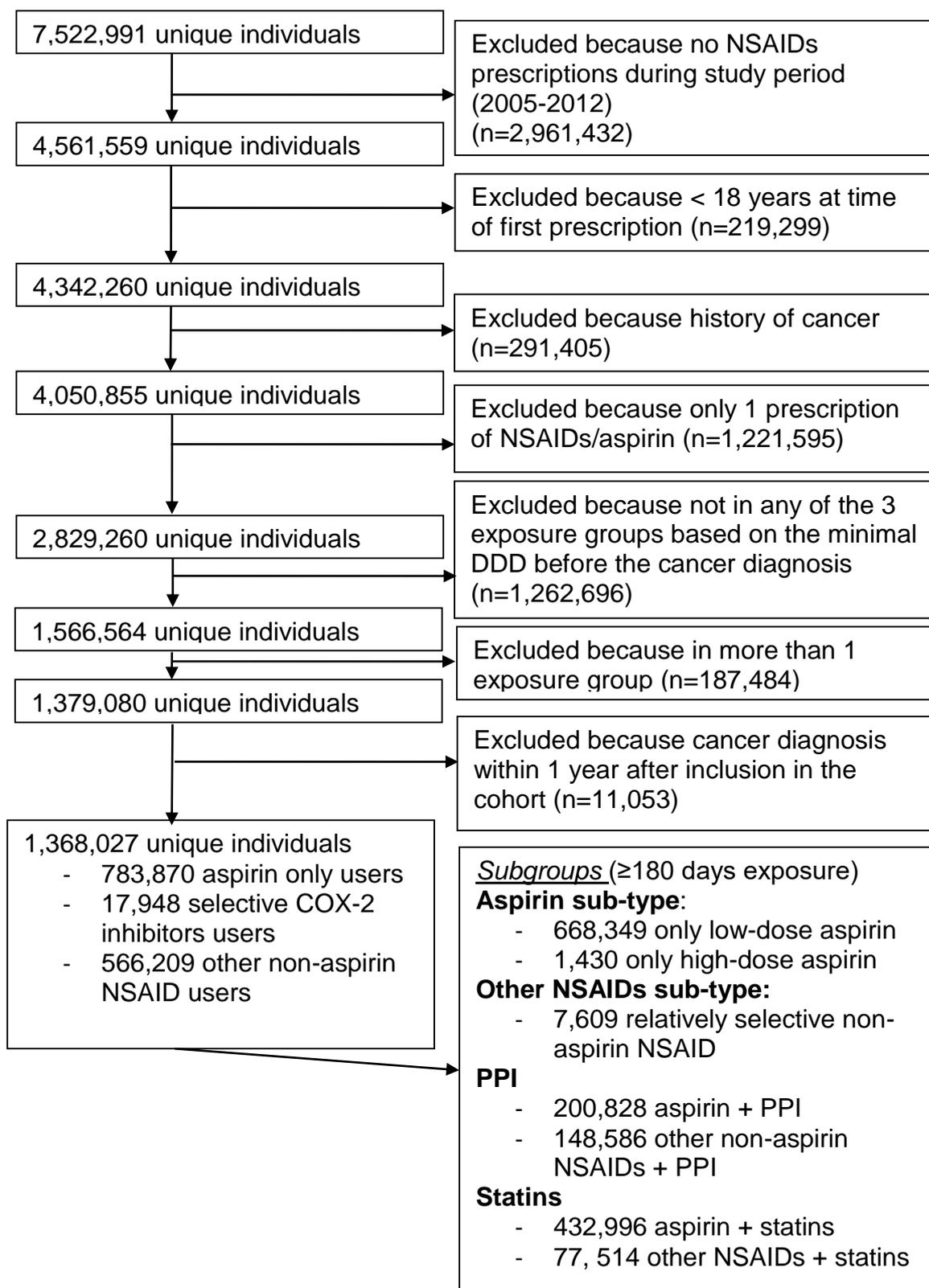


Online Supplement 1

Description of original cohort, the “Chemoprevention of Cancer” cohort, and flow-chart describing the selection of the study cohort.



Abbreviations: COX, cyclooxygenase; DDD, defined daily dosage; NSAIDs, non-steroidal anti-inflammatory drugs; PPIs, proton pump inhibitors

This cohort included all individuals residing in Sweden who received at least one dispensed prescription of one of the following commonly prescribed drugs between July 1, 2005 and December 31, 2014 (with corresponding ATC codes) with follow-up for cancer until December 2012: sex hormones (G03), drugs for peptic ulcers and gastro-esophageal reflux disease (A02B), acetylsalicylic acid (B01AC06, N02BA), non-steroidal anti-inflammatory drugs (M01A), HMG CoA reductase inhibitors (C10AA), drugs affecting bone structure and mineralization, (M05B), and antibiotics (J01AA, J01CA04, J01FA, J01MA, J01XD, J01XE, J04AB04). This cohort included approximately 85% of all Swedish residents, with especially high coverage of adults.