**Algorithm:**

**Age:** All citizens ages 35 and up at the time of identification in the registry.

**Vital status:** Alive at the time of identification in the registry.

**Selection of COPD patients:** People who meet at least one of the following criteria can be sampled as possible patients with COPD:

1. **Hospital contact.** People who have been hospitalised or have had an outpatient visit at least once during the last 5 years with one or more of the following ICD-10 codes as main diagnosis:
   - Bronchitis without specification
   - DJ40
   - Bronchitis without specification
   - DJ409
   - Simple and mucopurulent chronic bronchitis
   - DJ41
   - Bronchitis chronica simplex
   - DJ410
   - Bronchitis chronica mucopurulenta
   - DJ411
   - Bronchitis chronica simplex et mucopurulenta, mixed type
   - DJ418
   - Chronic bronchitis without specification
   - DJ42
   - Chronic bronchitis without specification
   - DJ429
   - Tracheobronchitis chronica
   - DJ429A
   - Tracheitis chronica
   - DJ429B
   - Expansion of the lungs
   - DJ43
   - MacLeod's syndrome
   - DJ430
   - Emphysema pulmonum unilaterale
   - DJ430A
   - Emphysema pulmonum panlobulare
   - DJ431
   - Emphysema pulmonum panacinare
   - DJ431A
   - Emphysema pulmonum centrilobulare
   - DJ432
   - Emphysema, other kinds
   - DJ438
   - Emphysema without specification
   - DJ439
   - Emphysema pulmonum bullosum
   - DJ439A
   - Chronic obstructive lung disease, other
   - DJ44
   - Chronic obstructive lung disease, with acute lower respiratory tract infection
   - DJ440
   - Chronic obstructive lung disease, with acute exacerbation without specification
   - DJ441
   - Chronic obstructive lung disease, other specified version
   - DJ448
   - Bronchitis chronica obstrcutive
   - DJ448A
   - Bronchitis chronica asthmatica
   - DJ448B
   - Chronic obstructive lung disease without specification
   - DJ449
   - Expansion of bronchia
   - DJ47
   - Bronchiectasia
   - DJ479
   - Respiratory insufficiency not classified any other place
   - DJ96
   - Insufficiencia respiratoria acuta
   - DJ960
   - Insufficiencia respiratoria chronic
   - DJ961
   - Respiratory insufficiency without specification
   - DJ969

   Only the diagnosis coding was examined, not the way the patients have been referred or any other matters.

2. **COPD medicine.** People who within the last 12 months from the time of identification from the register have redeemed at least 2 prescriptions on different dates with one or more, of the following ATC codes: R03AC; R03AK; R03BA; R03BB; R03CC; R03DA; R03DC; V03AN01

3. **Spirometry in general practice.** People who, within the last 12 months from the time of identification in the register, have had at least 2 spirometry tests on different dates and defined as a fee for lab test called:
   - 7113 Expanded lung function test verified by spirometry or
   - 7121 Double lung function test for exertion provoked asthma or reversibility test done by spirometry in the same consultation.