

# LCO Cohort Definitions

## Version 3

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## Cohort Changes

| Version | Date      | Changes   |
|---------|-----------|---|
| 1       | April 17  | These cohorts, their definitions and analysis produced in April 17 were based on CBA Cohorts in Theory and Practice Revision 5  |
| 2       | August 17 | Cohort priority order changed: 1,2,4,5,6,3,10,7,8,9   |
| 2       | August 17 | Long Term Conditions – <ul style="list-style-type: none"> <li>Definitions brought in line with QOF</li> <li>List extended to 20 Long Term Conditions</li> <li>Smoking and Obesity added into definition for Adults with Wider Determinants of Need</li> </ul>   |
| 2       | August 17 | Complex Lifestyles – <ul style="list-style-type: none"> <li>Additional criteria <ul style="list-style-type: none"> <li>Hospital admission in the last 12 months for self-harm</li> <li>Attendance in the last 12 months at a hospital based (secondary care) addiction service</li> </ul> </li> </ul>   |
| 2       | August 17 | Mental Health cohort – <ul style="list-style-type: none"> <li>Becomes adult only i.e. Children &amp; Younger People with Mental Health or Learning Disabilities move into the CYP LTC cohort.</li> <li>Search extended for people with Mental Health needs or Learning Disabilities to include secondary care data.</li> </ul>                                |
| 2       | August 17 | Adults with Multiple Long Term Conditions / End of Life – <ul style="list-style-type: none"> <li>Removed people from definition who had three or more emergency admissions within 12 months, where the last admission ended in death in the last 12 months. (Cohorts do not include deceased.)</li> </ul>   |
| 2       | August 17 | Cohorts renamed – <ul style="list-style-type: none"> <li>Children and Young People with Long Term Conditions becomes Children and Young People with Long Term Conditions, Mental Health Needs or Learning Disabilities</li> <li>Adults with One Long Term Condition or High Mosaic Intensity (4, 5) becomes Adults with Wider Determinants of Need</li> </ul> |
| 2       | Sept 17   | Maternity cohort - Specialty 560 (Midwifery) returned into cohort   |
| 3       | Jan 19    | Mental Health cohort – <ul style="list-style-type: none"> <li>Change to definition of interaction with mental health services due to use of MHSDS dataset instead of local MH feeds</li> </ul>  |

## Cohort 1

### Children and Young People with Long Term Conditions, Mental Health Needs or Learning Disabilities

#### *Age Range*

Under 19

#### *Criteria*

- One or more Long Term Conditions recorded in Primary Care from the following list -

Asthma

Atrial Fibrillation

Cancer

CKD

COPD

Coronary Heart Disease

Diabetes

Epilepsy

Heart Failure

Hypertension

Hypothyroidism

Osteoporosis

Parkinson's

Peripheral Vascular Disease

Rheumatoid Arthritis

Stroke

Mental Health

Learning Disability

Dementia

- Children / Young People currently on a Palliative Care Register in Primary Care
- Meeting any of the criteria for the Mental Health, Learning Disabilities & Dementia cohort

## **Cohort 2**

### **Frail older people**

#### *Age Range*

65 and above

#### *Criteria*

- Admission to hospital for a hip fracture, hip replacement, stroke, or injury due to a fall in the last 2 years.

## **Cohort 4**

### **Complex Lifestyles**

#### *Age Range*

19 and above

#### *Criteria*

- Hospital admission in the last 12 months for alcohol misuse, drug misuse or self harm
- Attendance in the last 12 months at a hospital based (secondary care) addiction service
- Hospital admission in the last 12 months where homelessness has been recorded
- Homelessness recorded in Primary Care (GP systems) – no date limit

## **Cohort 5**

### **Mental Health, Learning Disabilities, or Dementia**

#### *Age Range*

19 and above

#### *Criteria*

##### **Mental Health**

- Admission or attendance in the last 24 months as a mental health patient (MHSDS); Hospital spell or care contact.
- Hospital admission in the last 12 months with a mental health related diagnosis or procedure recorded
- Attendance in the last 12 months within a hospital based (secondary care) Mental Health specialty
- Mental Health recorded in Primary Care as a Long Term Condition

##### **Learning Disabilities**

- Hospital admission in the last 12 months with a Learning Disability related diagnosis recorded
- Attendance in the last 12 months within a hospital based (secondary care) Learning Disability specialty
- Learning Disability recorded in Primary Care as a Long Term Condition

##### **Dementia**

- Hospital admission (no time limit set) with a Dementia related diagnosis recorded
- Dementia recorded in Primary Care as a Long Term Condition

## **Cohort 6**

### **Maternity**

#### *Age Range*

10 and above

n.b. New born babies can potentially have birth / antenatal activity recorded within secondary care. Setting the age limit at 10+ ensures these are excluded, while ensuring that young mothers are included.

#### *Criteria*

- Birth in the last 12 months recorded by a secondary care provider
- Attendance in the last 12 months at antenatal services (including specialty 560, Midwifery) provided within secondary care

## Cohort 3

### Adults with Multiple Long Term Conditions / End of Life Care

#### *Age Range*

19 and above

#### *Criteria*

- Two or more Long Term Conditions recorded in Primary Care from the following list -

Asthma

Atrial Fibrillation

Cancer

CKD

COPD

Coronary Heart Disease

Diabetes

Epilepsy

Heart Failure

Hypertension

Hypothyroidism

Osteoporosis

Parkinson's

Peripheral Vascular Disease

Rheumatoid Arthritis

Stroke

Mental Health\*

Learning Disability\*

Dementia\*

- People currently on a Palliative Care Register in Primary Care
- Hospital admission in the last 12 months with a Palliative Care related diagnosis recorded
- Attendance in the last 12 months within a hospital based (secondary care) Palliative Care specialty

\*Based on current priority order for cohorts, people on the Mental Health, Learning Disability or Dementia registers will be allocated into the Mental Health, Learning Disability & Dementia cohort.

## **Cohort 10**

### **Adults with Wider Determinants of Need**

#### *Age Range*

19 and above

#### *Criteria*

- One Long Term condition from the following list -

Asthma

Atrial Fibrillation

Cancer

CKD

COPD

Coronary Heart Disease

Diabetes

Epilepsy

Heart Failure

Hypertension

Hypothyroidism

Osteoporosis

Parkinson's

Peripheral Vascular Disease

Rheumatoid Arthritis

Stroke

Current Smoker

Obesity

Mental Health \*

Learning Disability \*

Dementia \*

- Good Health Adults living within a geographical area with a Mosaic Intensity code of 4 or 5.

\*Based on current priority order for cohorts, people on the Mental Health, Learning Disability or Dementia registers will be allocated into the Mental Health, Learning Disability & Dementia cohort.

## **Cohort 7**

### **Good Health Older People**

#### *Age Range*

65 and above

#### *Criteria*

Not included in any other group.

## **Cohort 8**

### **Good Health Children**

#### *Age Range*

Under 19

#### *Criteria*

Not included in any other group.

## **Cohort 9**

### **Good Health Adults**

#### *Age Range*

19 - 64

#### *Criteria*

Not included in any other group.