

Organisational audit

Adult Services: Guide to completing demographic data

The demographic questions are as follows:

Qu. No.	Question	Answer
DEM 1.1	How many IBD patients does your service manage?	
DEM 1.2	Is this figure: an estimate (enter 'e') or from a database/register (enter 'd')?	
DEM 1.3	Of these IBD patients, how many have ulcerative colitis?	
DEM 1.4	Of these IBD patients, how many have Crohn's disease?	
DEM 1.5	Of these IBD patients, how many have IBD-unspecified?	
DEM 1.6	How many new IBD patients have you seen in the last 12 months?	
DEM 1.7	Is this figure: an estimate (enter 'e') or from a database/register (enter 'd')?	
DEM 1.8	How many patients aged 17 and over (at the date of admission) were discharged from the care of adult services between 1 January and 31 December 2013 with a primary diagnosis of ulcerative colitis?	
DEM 1.9	How many of these patients were readmitted within 30 days of discharge?	
DEM 1.10	How many patients aged 17 and over (at the date of admission) were discharged from the care of adult services between 1 January and 31 December 2013 with a primary diagnosis of Crohn's disease?	
DEM 1.11	How many of these patients were readmitted within 30 days of discharge?	
DEM 1.12	Does your service look after patients aged <16 years old?	
DEM 1.13	How many patients aged 16 and under (at the date of admission) were discharged from the care of adult services between 1 January and 31 December 2013 with a primary diagnosis of ulcerative colitis?	
DEM 1.14	How many of these patients were readmitted within 30 days of discharge?	
DEM 1.15	How many patients aged 16 and under (at the date of admission) were discharged from the care of adult services between 1 January and 31 December 2013 with a primary diagnosis of Crohn's disease?	
DEM 1.16	How many of these patients were readmitted within 30 days of discharge?	
DEM 1.17	How many patients aged 17 and over at the date of admission were discharged from the care of adult services between 1 January and 31 December 2013 having had an operation where the primary indication was ulcerative colitis?	
DEM 1.18	How many patients aged 17 and over at the date of admission were discharged from the care of adult services between 1 January and 31 December 2013 having had an operation where the primary indication was Crohn's disease?	
DEM 1.19	How many patients aged 16 and under at the date of admission were discharged from the care of adult services between 1 January and 31 December 2013 having had an operation where the primary indication was ulcerative colitis?	
DEM 1.20	How many patients aged 16 and under at the date of admission were discharged from the care of adult services between 1 January and 31 December 2013 having had an operation where the primary indication was Crohn's disease?	
DEM 1.21	Do surgeons perform ileo-anal pouch surgery on site?	
DEM 1.22	How many ileo-anal pouch operations were performed between 1 January and 31 December 2013?	

DEM 1.23	How many WTE gastroenterologists are there on site?	
DEM 1.24	How many WTE colorectal surgeons are there on site?	
DEM 1.25	How many WTE IBD nurse specialists are there on site?	
DEM 1.26	How many WTE stoma nurses are there on site?	
DEM 1.27	How many WTE dietitians are allocated to gastroenterology?	
DEM 1.28	How many WTE administrators are attached to the IBD team?	
DEM 1.29	How many patients with Crohn's disease were newly-started on Infliximab between 1 January and 31 December 2013 (include patients of any age)?	
DEM 1.30	How many patients with ulcerative colitis were newly-started on Infliximab between 1 January and 31 December 2013 (include patients of any age)?	
DEM 1.31	How many patients with IBD-unspecified were newly-started on Infliximab between 1 January and 31 December 2013 (include patients of any age)?	
DEM 1.32	How many patients with Crohn's disease were newly-started on Adalimumab between 1 January and 31 December 2013 (include patients of any age)?	
DEM 1.33	How many patients with ulcerative colitis were newly-started on Adalimumab between 1 January and 31 December 2013 (include patients of any age)?	
DEM 1.34	How many patients with IBD-unspecified were newly-started on Adalimumab between 1 January and 31 December 2013 (include patients of any age)?	
DEM 1.35	Are the figures in DEM 29 to DEM 34 an estimate (enter 'e') or from a database/register (enter 'd')?	
DEM 1.36	How many patients admitted primarily for treatment of their IBD between 1 January and 31 December 2013, died during that admission?	

Obtaining number of admissions

For question DEM 1.1 to DEM 1.7, if you do not have a local register of patients you are able to indicate that the number you have provided is an estimate.

For questions DEM 1.8 to DEM 1.16, count only the total number of admissions where length of stay was greater than 24 hours. You can include all admissions where the primary diagnosis matches the ICD-10 codes provided below in Appendix 1. Multiple admissions by the same patient should be counted.

Readmissions can be more difficult to measure, but most information departments will have a system for this. You will be looking for patients with the IBD codes listed in Appendix 1 who have been readmitted within 30 days. Only include admissions for >24 hours, to avoid day case attendance for elective endoscopy or IBD treatment.

Obtaining number of operations

For questions DEM 1.17 to DEM 1.20, we have included a list of OPCS-4 codes (Appendix 2) relating to IBD surgery that you can use to help answer these questions.

Patients being treated with biological therapies

Only include patients that were newly-started on either Infliximab or Adalimumab primarily for the treatment of IBD (DEM 1.29 to DEM 1.35). The patient can have been started on this treatment as an outpatient or an inpatient. You can obtain this number from the biological therapies audit data you have entered if it has been kept up to date (www.ibdprogramme.co.uk)

Exclusion criteria

Clinical episodes that should **not** be counted (even if their primary discharge code matches the list in appendix 1) a day case (for an infusion, endoscopy or day surgery procedure) or where the patient stayed overnight but was discharged within 24 hours of admission

Appendix 1 – relevant ICD-10 Codes

Crohn's Disease

K50: Crohn's disease [regional enteritis]

Includes: granulomatous enteritis

K50.0 Crohn's disease of small intestine

Crohn's disease [regional enteritis] of:

- duodenum
- ileum
- jejunum
- Ileitis:
- regional
- terminal

K50.1 Crohn's disease of large intestine

Colitis:

- granulomatous
- regional

Crohn's disease [regional enteritis] of:

- colon
- large bowel
- rectum

K50.8 Other Crohn's disease

Crohn's disease of both small and large intestine

K50.9 Crohn's disease, unspecified

Regional enteritis NOS

Ulcerative Colitis

K51 Ulcerative colitis

K51.0 Ulcerative (chronic) enterocolitis

K51.1 Ulcerative (chronic) ileocolitis

K51.2 Ulcerative (chronic) proctitis

K51.3 Ulcerative (chronic) rectosigmoiditis

K51.4 Pseudopolyposis of colon

K51.5 Mucosal proctocolitis

K51.8 Other ulcerative colitis

K51.9 Ulcerative colitis, unspecified

Ulcerative enteritis NOS

Appendix 2 – Relevant OPCS–4 codes

The OPCS-4 codes come as either 3 or 4 digit codes. The 3 digit ones are broad categories of types of operation and the 4 digit ones are more precise definitions of the broad categories.

The suggested codes for ileo-anal pouch surgery relevant to DEM1.12 are as below but please contact your colorectal surgery colleagues directly to discuss this further.

OPCS4.2 Code	OPCS4.3 Code	Description
H04.2	H04.2	Panproctocolectomy and anastomosis of ileum to anus and creation of pouch HFQ
G72.5	G72.5	Anastomosis of ileum to anus and creation of pouch hfq- ileo-anal pouch

TABULAR LIST OF THREE DIGIT CATEGORIES

Jejunum (G58-G67)

G58 Excision of jejunum
 G59 Extirpation of lesion of jejunum
 G60 Artificial opening into jejunum
 G63 Other open operations on jejunum
 G67 Other operations on jejunum

Ileum (G69-G82)

G69 Excision of ileum
 G70 Open extirpation of lesion of ileum
 G71 Bypass of ileum
 G72 Other connection of ileum
 G73 Attention to connection of ileum
 G74 Creation of artificial opening into ileum
 G75 Attention to artificial opening into ileum
 G78 Other open operations on ileum
 G82 Other operations on ileum

H. LOWER DIGESTIVE TRACT

Colon

H04 Total excision of colon and rectum
 H05 Total excision of colon
 H06 Extended excision of right hemicolon
 H07 Other excision of right hemicolon
 H08 Excision of transverse colon
 H09 Excision of left hemicolon
 H10 Excision of sigmoid colon
 H11 Other excision of colon
 H12 Extirpation of lesion of colon
 H13 Bypass of colon
 H14 Exteriorisation of caecum
 H15 Other exteriorisation of colon
 H16 Incision of colon
 H19 Other open operations on colon
 H30 Other operations on colon

Appendix (H01-H03)

H01 Emergency excision of appendix
 H02 Other excision of appendix
 H03 Other operations on appendix

Rectum (H33-H46)

H33 Excision of rectum
 H34 Open extirpation of lesion of rectum
 H40 Operations on rectum through anal sphincter
 H41 Other operations on rectum through anus
 H46 Other operations on rectum

Anus and perianal region

H47 Excision of anus
 H48 Excision of lesion of anus
 H49 Destruction of lesion of anus
 H54 Dilation of anal sphincter
 H55 Other operations on perianal region
 H56 Other operations on anus

TABULAR LIST OF FOUR DIGIT CATEGORIES

G58 Excision of jejunum

G58.1 Total jejunectomy and anastomosis of stomach to ileum
 G58.2 Total jejunectomy and anastomosis of duodenum to ileum
 G58.3 Total jejunectomy and anastomosis of duodenum to colon
 G58.4 Partial jejunectomy and anastomosis of jejunum to ileum

Includes: Jejunectomy and anastomosis of jejunum to jejunum

G58.5 Partial jejunectomy and anastomosis of duodenum to colon

G58.8 Other specified

G58.9 Unspecified

Includes: Jejunectomy nec

G59 Extirpation of lesion of jejunum

G59.1 Excision of lesion of jejunum
 G59.2 Open destruction of lesion of jejunum
 G59.8 Other specified
 G59.9 Unspecified

G60 Artificial opening into jejunum

G60.1 Creation of jejunostomy
 G60.2 Refashioning of jejunostomy
 G60.3 Closure of jejunostomy
 G60.8 Other specified
 G60.9 Unspecified

G63 Other open operations on jejunum

- G63.1 Open biopsy of lesion of jejunum
Includes: Open biopsy of jejunum
Biopsy of lesion of jejunum nec
Biopsy of jejunum nec
- G63.2 Incision of jejunum
- G63.3 Closure of perforation of jejunum
- G63.4 Open intubation of jejunum
- G63.8 Other specified
- G63.9 Unspecified

G67 Other operations on jejunum

- G67.1 Intubation of jejunum for decompression of intestine
- G67.8 Other specified
- G67.9 Unspecified

G71 Bypass of ileum. Includes: Small intestine nec

- G71.1 Bypass of ileum by anastomosis of jejunum to ileum
- G71.2 Bypass of ileum by anastomosis of ileum to ileum
- G71.3 Bypass of ileum by anastomosis of ileum to caecum
- G71.4 Bypass of ileum by anastomosis of ileum to transverse colon
- G71.5 Bypass of ileum by anastomosis of ileum to colon nec
Includes: Bypass of ileum by anastomosis of ileum to rectum
- G71.8 Other specified
- G71.9 Unspecified

G73 Attention to connection of ileum. Includes: Small intestine nec

- G73.1 Revision of anastomosis of ileum
- G73.2 Closure of anastomosis of ileum
- G73.8 Other specified
- G73.9 Unspecified

**G75 Attention to artificial opening into ileum
Includes: Small intestine nec**

- G75.1 Refashioning of ileostomy
- G75.2 Repair of prolapse of ileostomy
- G75.3 Closure of ileostomy
- G75.4 Dilation of ileostomy
- G75.5 Reduction of prolapse of ileostomy
- G75.8 Other specified
- G75.9 Unspecified

**G82 Other operations on ileum
Includes: Small intestine nec**

- G82.2 Intubation of ileum for decompression of intestine
- G82.8 Other specified
- G82.9 Unspecified

G69 Excision of ileum (Includes: Small intestine nec)

- G69.1 Ileectomy and anastomosis of stomach to ileum
- G69.2 Ileectomy and anastomosis of duodenum to ileum
- G69.3 Ileectomy and anastomosis of ileum to ileum
- G69.4 Ileectomy and anastomosis of ileum to colon
- G69.8 Other specified
- G69.9 Unspecified, Includes: Ileectomy nec

**G70 Open extirpation of lesion of ileum
Includes: Small intestine nec**

- G70.2 Excision of lesion of ileum nec
- G70.3 Open destruction of lesion of ileum
- G70.8 Other specified
- G70.9 Unspecified

G72 Other connection of ileum. Includes: Small intestine nec. Excludes: When associated with concurrent excision of ileum (G69)

- G72.1 Anastomosis of ileum to caecum
- G72.2 Anastomosis of ileum to transverse colon
- G72.3 Anastomosis of ileum to colon nec
- G72.4 Anastomosis of ileum to rectum
- G72.5 Anastomosis of ileum to anus and creation of pouch hfq- ileo-anal pouch
- G72.8 Other specified
- G72.9 Unspecified

**G74 Creation of artificial opening into ileum
Includes: Small intestine nec**

- G74.1 Creation of continent ileostomy
- G74.2 Creation of temporary ileostomy
- G74.3 Creation of defunctioning ileostomy
Includes: Creation of split ileostomy
- G74.8 Other specified
- G74.9 Unspecified

**G78 Other open operations on ileum
Includes: Small intestine nec**

- G78.1 Open biopsy of lesion of ileum
Includes: Open biopsy of ileum
Biopsy of lesion of ileum nec
Biopsy of ileum nec
- G78.2 Strictureplasty of ileum
- G78.4 Closure of perforation of ileum
- G78.5 Exclusion of segment of ileum
- G78.8 Other specified
- G78.9 Unspecified

H01 Emergency excision of appendix

- H01.1 Emergency excision of abnormal appendix and drainage hfq
- H01.2 Emergency excision of abnormal appendix nec
- H01.3 Emergency excision of normal appendix
- H01.8 Other specified
- H01.9 Unspecified
Includes: Emergency appendectomy nec

H02 Other excision of appendix

- H02.1 Interval appendicectomy
- H02.2 Planned delayed appendicectomy nec
- H02.3 Prophylactic appendicectomy nec
- H02.4 Incidental appendicectomy
Includes: Appendicectomy performed during course of other abdominal operation
Note: Use as secondary code when performed during creation of caecostomy (H14.9)
- H02.8 Other specified
- H02.9 Unspecified
Includes: Appendicectomy nec

H05 Total excision of colon

- H05.1 Total colectomy and anastomosis of ileum to rectum
- H05.2 Total colectomy and ileostomy and creation of rectal fistula hfq
- H05.3 Total colectomy and ileostomy nec
- H05.8 Other specified subtotal excision of colon
- H05.9 Unspecified subtotal excision of colon

H07 Other excision of right hemicolon

Includes: Limited excision of caecum and terminal ileum caecum

- H07.1 Right hemicolectomy and end to end anastomosis of ileum to colon
Includes: Ileocaecal resection
- H07.2 Right hemicolectomy and side to side anastomosis of ileum to transverse colon
- H07.3 Right hemicolectomy and anastomosis nec
- H07.4 Right hemicolectomy and ileostomy hfq
- H07.8 Other specified
- H07.9 Unspecified

H09 Excision of left hemicolon

- H09.1 Left hemicolectomy and end to end anastomosis of colon to rectum
- H09.2 Left hemicolectomy and end to end anastomosis of colon to colon
- H09.3 Left hemicolectomy and anastomosis nec
- H09.4 Left hemicolectomy and ileostomy hfq
- H09.5 Left hemicolectomy and exteriorisation of bowel nec. Note: Use secondary code for type of exteriorisation of bowel (H14 H15)
- H09.8 Other specified
- H09.9 Unspecified

H03.1 Drainage of abscess of appendix

- H03.2 Drainage of appendix nec
- H03.8 Other specified
- H03.9 Unspecified

H04 Total excision of colon and rectum

- H04.1 Panproctocolectomy and ileostomy
Includes: Proctocolectomy nec
- H04.2 Panproctocolectomy and anastomosis of ileum to anus and creation of pouch hfq
- H04.3 Panproctocolectomy and anastomosis of ileum to anus nec
- H04.8 Other specified
- H04.9 Unspecified

H06 Extended excision of right hemicolon

Includes: Excision of right colon and other segment of ileum or colon and surrounding tissue. Caecum

- H06.1 Extended right hemicolectomy and end to end anastomosis
- H06.2 Extended right hemicolectomy and anastomosis of ileum to colon
- H06.3 Extended right hemicolectomy and anastomosis nec
- H06.4 Extended right hemicolectomy and ileostomy hfq
- H06.8 Other specified
- H06.9 Unspecified

H08 Excision of transverse colon

- H08.1 Transverse colectomy and end to end anastomosis
- H08.2 Transverse colectomy and anastomosis of ileum to colon
- H08.3 Transverse colectomy and anastomosis nec
- H08.4 Transverse colectomy and ileostomy hfq
- H08.5 Transverse colectomy and exteriorisation of bowel nec. Note: Use secondary code for type of exteriorisation of bowel (H14 H15)
- H08.8 Other specified
- H08.9 Unspecified

H10 Excision of sigmoid colon

- H10.1 Sigmoid colectomy and end to end anastomosis of ileum to rectum
- H10.2 Sigmoid colectomy and anastomosis of colon to rectum
- H10.3 Sigmoid colectomy and anastomosis nec
- H10.4 Sigmoid colectomy and ileostomy hfq
- H10.5 Sigmoid colectomy and exteriorisation of bowel nec. Note: Use secondary code for type of exteriorisation of bowel (H14 H15)
- H10.8 Other specified
- H10.9 Unspecified

H11 Other excision of colon**Includes: Excision of colon where segment removed is not stated**

- H11.1 Colectomy and end to end anastomosis of colon to colon nec
- H11.2 Colectomy and side to side anastomosis of ileum to colon nec
- H11.3 Colectomy and anastomosis nec
- H11.4 Colectomy and ileostomy nec
- H11.5 Colectomy and exteriorisation of bowel nec
Note: Use secondary code for type of exteriorisation of bowel (H14 H15)
- H11.8 Other specified
- H11.9 Unspecified, Includes: Colectomy nec, Hemicolectomy nec

H14 Exteriorisation of caecum

- H14.1 Tube caecostomy
- H14.2 Refashioning of caecostomy
- H14.3 Closure of caecostomy
- H14.8 Other specified
- H14.9 Unspecified. Includes: Caecostomy nec

H16 Incision of colon. Includes: Caecum

- H16.1 Drainage of colon
Includes: Drainage of pericolonic tissue
- H16.2 Caecotomy
- H16.3 Colotomy
- H16.8 Other specified
- H16.9 Unspecified

H30 Other operations on colon

- H30.8 Other specified
- H30.9 Unspecified

H33 Excision of rectum. Includes: Excision of whole or part of rectum with or without part of sigmoid colon

- H33.1 Abdominoperineal excision of rectum and end colostomy
- H33.2 Proctectomy and anastomosis of colon to anus
- H33.3 Anterior resection of rectum and anastomosis of colon to rectum using staples. Includes: Rectosigmoidectomy and anastomosis of colon

H12 Extirpation of lesion of colon. Includes: Caecum

- H12.2 Excision of lesion of colon nec
- H12.3 Destruction of lesion of colon nec
- H12.8 Other specified
- H12.9 Unspecified

H13 Bypass of colon. Includes: Caecum. Excludes: Bypass of colon when associated with excision of colon (H04-H11)

- H13.1 Bypass of colon by anastomosis of ileum to colon
- H13.2 Bypass of colon by anastomosis of caecum to sigmoid colon
- H13.3 Bypass of colon by anastomosis of transverse colon to sigmoid colon
- H13.4 Bypass of colon by anastomosis of transverse colon to rectum
- H13.5 Bypass of colon by anastomosis of colon to rectum nec
- H13.8 Other specified
- H13.9 Unspecified

H15 Other exteriorisation of colon

- H15.1 Loop colostomy
- H15.2 End colostomy
- H15.3 Refashioning of colostomy
- H15.4 Closure of colostomy
- H15.5 Dilation of colostomy
- H15.6 Reduction of prolapse of colostomy
- H15.8 Other specified
- H15.9 Unspecified. Includes: Colostomy nec

H19 Other open operations on colon. Includes: Caecum. Excludes: Repair of intestinovesical fistula (M37.2)

- H19.1 Open biopsy of lesion of colon
Includes: Open biopsy of colon, Biopsy of lesion of colon, Biopsy of colon
- H19.8 Other specified
- H19.9 Unspecified

H34 Open extirpation of lesion of rectum

- H34.1 Open excision of lesion of rectum
- H34.2 Open cauterisation of lesion of rectum
- H34.3 Open cryotherapy to lesion of rectum
- H34.4 Open laser destruction of lesion of rectum
- H34.5 Open destruction of lesion of rectum nec
- H34.8 Other specified
- H34.9 Unspecified

H40 Operations on rectum through anal sphincter

- H40.1 Transsphincteric excision of mucosa of rectum
- H40.2 Transsphincteric excision of lesion of rectum
Includes: Transsphincteric biopsy of lesion of rectum. Transsphincteric biopsy of rectum
- H40.3 Transsphincteric destruction of lesion of rectum
- H40.4 Transsphincteric anastomosis of colon to anus
- H40.8 Other specified
- H40.9 Unspecified

- to rectum
- H33.4 Anterior resection of rectum and anastomosis nec
 - H33.5 Rectosigmoidectomy and closure of rectal stump and exteriorisation of bowel. Note: Use secondary code for type of exteriorisation of bowel (G74 H14-H15)
 - H33.6 Anterior resection of rectum and exteriorisation of bowel. Note: Use secondary code for type of exteriorisation of bowel (G74 H14-H15)
 - H33.8 Other specified
 - H33.9 Unspecified. Includes: Rectosigmoidectomy nec

H46 Other operations on rectum

- H46.8 Other specified
- H46.9 Unspecified

H48 Excision of lesion of anus. Includes: Perianal region

- H48.1 Excision of polyp of anus
- H48.2 Excision of skin tag of anus
- H48.3 Excision of perianal wart
- H48.8 Other specified
- H48.9 Unspecified

H54 Dilatation of anal sphincter

- H54.1 Anorectal stretch. Excludes: Forced manual dilatation for haemorrhoid (H53.2)
- H54.8 Other specified
- H54.9 Unspecified

H56 Other operations on anus

- H56.1 Biopsy of lesion of anus. Includes: Biopsy of anus
- H56.2 Lateral sphincterotomy of anus
- H56.3 Incision of septum of anus
- H56.4 Excision of anal fissure
- H56.8 Other specified
- H56.9 Unspecified

H62 Other operations on bowel. Includes: Sigmoid colon, Colon, Rectum

- H62.1 Laser recanalisation of bowel nec
- H62.2 Mobilisation of bowel nec
- H62.3 Dilatation of bowel nec
- H62.4 Intubation of bowel nec
- H62.5 Irrigation of bowel nec. Includes: Lavage of bowel nec, Washout of bowel nec
- H62.8 Other specified
- H62.9 Unspecified

H41 Other operations on rectum through anus

- H41.1 Rectosigmoidectomy and perianal anastomosis
- H41.2 Perianal excision of lesion of rectum. Includes: Perianal biopsy of lesion of rectum, Perianal biopsy of rectum
- H41.3 Perianal destruction of lesion of rectum
- H41.4 Perianal mucosal proctectomy and endoanal anastomosis
- H41.8 Other specified
- H41.9 Unspecified

H47 Excision of anus

- H47.1 Excision of sphincter of anus
- H47.8 Other specified
- H47.9 Unspecified

H49 Destruction of lesion of anus. Includes: Perianal region

- H49.1 Cauterisation of lesion of anus
- H49.2 Laser destruction of lesion of anus
- H49.3 Cryotherapy to lesion of anus
- H49.8 Other specified
- H49.9 Unspecified

H55 Other operations on perianal region

- H55.1 Laying open of low anal fistula
- H55.2 Laying open of high anal fistula
- H55.3 Laying open of anal fistula nec
- H55.4 Insertion of seton into high anal fistula and partial laying open of track hfq
- H55.5 Fistulography of anal fistula
- H55.8 Other specified
- H55.9 Unspecified

H58 Drainage through perineal region

- H58.1 Drainage of ischiorectal abscess
- H58.2 Drainage of perianal abscess
- H58.3 Drainage of perirectal abscess
- H58.8 Other specified
- H58.9 Unspecified