

# Endoscopy (colo\_endo) Data Dictionary

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## Document Summary

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# Endoscopy (colo\_endo): Data Dictionary

## Section 1: Identifiers

Variable	Label	Description	Format Text
<b>build</b>	Build	Masterfile build. Distributed to all datasets and used to identify the version of the database.	Char, 30
<b>build_cancers</b>	Build Cancer Cohort	The source of the build data.	1="Trial Only"
<b>build_incidence_cutoff</b>	Build Incidence Cutoff	The censoring date for any cancer data associated with the dataset.	1="Cancers Through 2009"
<b>endoindex</b>	Endoscopy Number	Endoscopy record number. Starts at 1 for each participant, for each study year, and counts up for each additional endoscopy in that year.	Numeric
<b>plco_id</b>	PLCO ID	PLCO ID	char
<b>study_yr</b>	Study Year	Study year of the DEC/DEC2/DEC3 form that the endoscopy was recorded on. For screen-prompted forms, this is the study year of the screen that prompted the form. For other forms, this is the study year of the cancer report that prompted the form.	Numeric
<b>study_yr12mon</b>	Study Year of Positive Screen Within 12 Months Before Endoscopy	The year of the last positive screen within 12 months before the endoscopy, if there was such a screen.	Numeric .N="Not applicable"

## Section 2: Procedure Information

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Variable	Label	Description	Format Text
<b>endo_type</b>	Type of Endoscopy	The type of endoscopy. Version 1 DEC forms had separate levels for rigid sigmoidoscopies and flexible sigmoidoscopies, but all sigmoidoscopies have been combined into a single level for this variable.	1="Sigmoidoscopy" 2="Colonoscopy" 3="Endoscopy, NOS"
<b>sbowel</b>	Bowel Prepatation	Was bowel preparation adequate for this endoscopy?	.M="Missing" 0="Inadequate" 1="Adequate" 9="Not Available"
<b>scecum</b>	Was Cecum Visualized	Was the cecum visualized on this endoscopy?	.M="Missing" 0="No" 1="Yes" 9="Not Available"
<b>sdays</b>	Days Until Endoscopy	Days from randomization to this endoscopy.	Numeric

## Section 3: Endoscopic Findings

Variable	Label	Description	Format Text
<b>adencount</b>	Number of Adenomas Found	How many confirmed adenomas were found by this endoscopy?	Numeric
<b>adeneith</b>	Adenoma Found	Was an adenoma found by this endoscopy on either side of the colon?	0="No" 1="Yes" 9="Unknown" 11="Adenoma found, possibly by this endoscopy"
<b>adenleft</b>	Adenoma Found on Left Side	Was an adenoma found by this endoscopy on the left side of the colon?	0="No" 1="Yes" 9="Unknown" 11="Adenoma found, possibly by this endoscopy"
<b>adenrgh</b>	Adenoma Found on Right Side	Was an adenoma found by this endoscopy on the right side of the colon?	0="No" 1="Yes" 9="Unknown" 11="Adenoma found, possibly by this endoscopy"
<b>adveith</b>	Advanced Adenoma Found	Was an advanced adenoma found by this endoscopy on either side of the colon? Adenomas are considered advanced if they are villous, have dysplasia, are large ( $\geq 1$ cm), or are an in situ carcinoma.	0="No" 1="Yes, advanced adenoma found by this endoscopy" 9="Unknown" 11="Advanced adenoma found, possibly by this endoscopy"
<b>advleft</b>	Advanced Adenoma Found on Left Side	Was an advanced adenoma found by this endoscopy on the left side of the colon? Adenomas are considered advanced if they are villous, have dysplasia, are large ( $\geq 1$ cm), or are an in situ carcinoma.	0="No" 1="Yes, advanced adenoma found by this endoscopy" 9="Unknown" 11="Advanced adenoma found, possibly by this endoscopy"
<b>advrgh</b>	Advanced Adenoma Found on Right Side	Was an advanced adenoma found by this endoscopy on the right side of the colon? Adenomas are considered advanced if they are villous, have dysplasia, are large ( $\geq 1$ cm), or are an in situ carcinoma.	0="No" 1="Yes, advanced adenoma found by this endoscopy" 9="Unknown" 11="Advanced adenoma found, possibly by this endoscopy"
<b>canceith</b>	Cancer Found	Was cancer found by this endoscopy on either side of the colon?	0="No" 1="Yes" 11="Cancer found, possibly by this endoscopy"
<b>cancleft</b>	Cancer Found on Left Side	Was cancer found by this endoscopy on the left side of the colon?	0="No" 1="Yes" 9="Unknown" 11="Cancer found, possibly by this endoscopy"
<b>cancrgh</b>	Cancer Found on Right Side	Was cancer found by this endoscopy on the right side of the colon?	0="No" 1="Yes" 9="Unknown" 11="Cancer found, possibly by this endoscopy"

Variable	Label	Description	Format Text
<b>colsw_eith</b>	Most Severe Finding	Description of the most severe findings for this endoscopy on either side of the colon.	1="Cancer" 2="Advanced adenoma" 3="Adenoma" 4="Hyperplastic polyp" 5="Benign polyp, NOS" 6="Colonoscopy procedure, both sides viewed" 7="Endoscopy, NOS procedure, possibly only left side viewed" 8="Sigmoidoscopy procedure, likely only left side viewed"
<b>colsw_left</b>	Most Severe Finding on Left Side	Description of the most severe findings for this endoscopy on the left side of the colon.	1="Cancer on left side" 2="Advanced adenoma on left side" 3="Adenoma on left side" 4="Hyperplastic polyp on left side" 5="Benign polyp, NOS on left side" 6="Colonoscopy procedure, left side viewed" 7="Endoscopy, NOS procedure, left side viewed" 8="Sigmoidoscopy procedure, left side viewed"
<b>colsw_right</b>	Most Severe Finding on Right Side	Description of the most severe findings for this endoscopy on the right side of the colon.	1="Cancer on right side" 2="Advanced adenoma on right side" 3="Adenoma on right side" 4="Hyperplastic polyp on right side" 5="Benign polyp, NOS on right side" 6="Colonoscopy procedure, right side viewed" 7="Endoscopy, NOS procedure, right side possibly viewed" 9="Sigmoidoscopy procedure, right side likely not viewed"
<b>largeith</b>	Large Adenoma Found	Was a large ( $\geq 1$ cm) adenoma found by this endoscopy on either side of the colon? The value 2 is used when there are multiple polyps recorded in one record, and at least one polyp is large and at least one is an adenoma.	0="No" 1="Yes" 2="Probably Large" 9="Unknown" 11="Large adenoma found, possibly by this endoscopy"
<b>largleft</b>	Large Adenoma Found on Left Side	Was a large ( $\geq 1$ cm) adenoma found by this endoscopy on the left side of the colon? The value 2 is used when there are multiple polyps recorded in one record, and at least one polyp is large and at least one is an adenoma.	0="No" 1="Yes" 2="Probably Large" 9="Unknown" 11="Large adenoma found, possibly by this endoscopy"
<b>largright</b>	Large Adenoma Found on Right Side	Was a large ( $\geq 1$ cm) adenoma found by this endoscopy on the right side of the colon? The value 2 is used when there are multiple polyps recorded in one record, and at least one polyp is large and at least one is an adenoma.	0="No" 1="Yes" 2="Probably Large" 9="Unknown" 11="Large adenoma found, possibly by this endoscopy"

Variable	Label	Description	Format Text
<b>loc_largest</b>	Location of Largest Adenoma	Location of the largest adenoma found by this endoscopy.	.M="Missing" .N="Not applicable" 1="Cecum" 2="Ascending colon" 3="Hepatic flexure" 4="Transverse colon" 5="Splenic flexure" 6="Descending colon" 7="Sigmoid colon" 8="Rectum" 10="Multiple possible locations" 99="Not available"
<b>size_largest</b>	Size of Largest Adenoma	Categorical size of the largest adenoma found by this endoscopy: diminutive (0.0-0.4 cm), small (0.5-0.9 cm) or large (1.0 or greater cm).	.N="Not applicable" 1="Diminutive" 2="Small" 3="Large" 9="Unknown"
<b>aden_app</b>	Adenoma Found in Appendix	Was an adenoma found in the appendix by this endoscopy?	0="No" 1="Yes" 9="Unknown"
<b>aden_asc</b>	Adenoma Found in Ascending Colon	Was an adenoma found in the ascending colon by this endoscopy?	0="No" 1="Yes" 9="Unknown" 11="Adenoma found, possibly by this endoscopy"
<b>aden_cec</b>	Adenoma Found in Cecum	Was an adenoma found in the cecum by this endoscopy?	0="No" 1="Yes" 9="Unknown"
<b>aden_dec</b>	Adenoma Found in Descending Colon	Was an adenoma found in the descending colon by this endoscopy?	0="No" 1="Yes" 9="Unknown" 11="Adenoma found, possibly by this endoscopy"
<b>aden_hep</b>	Adenoma Found in Hepatic Flexure	Was an adenoma found in the hepatic flexure by this endoscopy?	0="No" 1="Yes" 9="Unknown" 11="Adenoma found, possibly by this endoscopy"
<b>aden_rec</b>	Adenoma Found in Rectum	Was an adenoma found in the rectum by this endoscopy?	0="No" 1="Yes" 9="Unknown" 11="Adenoma found, possibly by this endoscopy"
<b>aden_sig</b>	Adenoma Found in Sigmoid Colon	Was an adenoma found in the sigmoid colon by this endoscopy?	0="No" 1="Yes" 9="Unknown" 11="Adenoma found, possibly by this endoscopy"
<b>aden_spl</b>	Adenoma Found in Splenic Flexure	Was an adenoma found in the splenic flexure by this endoscopy?	0="No" 1="Yes" 9="Unknown"
<b>aden_tra</b>	Adenoma Found in Transverse Colon	Was an adenoma found in the transverse colon by this endoscopy?	0="No" 1="Yes" 9="Unknown"

Variable	Label	Description	Format Text
<b>aden_unk</b>	Adenoma Found in Unknown Location	Was an adenoma found by this endoscopy, but the side of the colon could not be determined?	0="No" 1="Yes" 9="Unknown"
<b>adv_app</b>	Advanced Adenoma Found in Appendix	Was an advanced adenoma found in the appendix by this endoscopy?	0="No" 1="Yes" 9="Unknown"
<b>adv_asc</b>	Advanced Adenoma Found in Ascending Colon	Was an advanced adenoma found in the ascending colon by this endoscopy?	0="No" 1="Yes" 9="Unknown" 11="Advanced adenoma found, possibly by this endoscopy"
<b>adv_cec</b>	Advanced Adenoma Found in Cecum	Was an advanced adenoma found in the cecum by this endoscopy?	0="No" 1="Yes" 9="Unknown"
<b>adv_dec</b>	Advanced Adenoma Found in Descending Colon	Was an advanced adenoma found in the descending colon by this endoscopy?	0="No" 1="Yes" 9="Unknown" 11="Advanced adenoma found, possibly by this endoscopy"
<b>adv_hep</b>	Advanced Adenoma Found in Hepatic Flexure	Was an advanced adenoma found in the hepatic flexure by this endoscopy?	0="No" 1="Yes" 9="Unknown" 11="Advanced adenoma found, possibly by this endoscopy"
<b>adv_rec</b>	Advanced Adenoma Found in Rectum	Was an advanced adenoma found in the rectum by this endoscopy?	0="No" 1="Yes" 9="Unknown"
<b>adv_sig</b>	Advanced Adenoma Found in Sigmoid Colon	Was an advanced adenoma found in the sigmoid colon by this endoscopy?	0="No" 1="Yes" 9="Unknown" 11="Advanced adenoma found, possibly by this endoscopy"
<b>adv_spl</b>	Advanced Adenoma Found in Splenic Flexure	Was an advanced adenoma found in the splenic flexure by this endoscopy?	0="No" 1="Yes" 9="Unknown"
<b>adv_tra</b>	Advanced Adenoma Found in Transverse Colon	Was an advanced adenoma found in the transverse colon by this endoscopy?	0="No" 1="Yes" 9="Unknown"
<b>adv_unk</b>	Advanced Adenoma Found in Unknown Location	Was an advanced adenoma found by this endoscopy, but the side of the colon could not be determined?	0="No" 1="Yes" 9="Unknown"
<b>rsize_largest</b>	Size of Largest Adenoma in Millimeters	Size in millimeters of the largest adenoma found by this endoscopy.	Numeric .M="Missing" .N="Not applicable"
<b>shyper</b>	Hyperplastic Polyps Found	How many hyperplastic polyps were found by this endoscopy? This question is asked only for version 3 forms, where individual hyperplastic polyps are not recorded.	.V="Not asked on this form version" 0="None" 1="1" 2="2 or more"

Variable	Label	Description	Format Text
<b>slesio</b>	Number of Lesions Found	Total number of lesions found by this endoscopy. This is asked on version 1 and version 2 forms.	Numeric .M="Missing" .V="Not asked on this form version" 98="Multiple Polyps, Number Unknown" 99="Not Available"
<b>beneith</b>	Benign Polyp, NOS, Found	Was a benign polyp, NOS, found by this endoscopy on either side of the colon? These polyps are only recorded on version 1 and 2 forms.	0="No" 1="Yes" 9="Unknown"
<b>benleft</b>	Benign Polyp, NOS, Found on Left Side	Was a benign polyp, NOS, found by this endoscopy on the left side of the colon? These polyps are only recorded on version 1 and 2 forms.	0="No" 1="Yes" 9="Unknown"
<b>benright</b>	Benign Polyp, NOS, Found on Right Side	Was a benign polyp, NOS, found by this endoscopy on the right side of the colon? These polyps are only recorded on version 1 and 2 forms.	0="No" 1="Yes" 9="Unknown"
<b>bordeith</b>	Borderline Malignant Carcinoma Found	Was a borderline malignant carcinoma found by this endoscopy on either side of the colon?	0="No" 1="Yes, borderline carcinoma found by this endoscopy"
<b>bordleft</b>	Borderline Malignant Carcinoma Found on Left Side	Was a borderline malignant carcinoma found by this endoscopy on the left side of the colon?	0="No" 1="Yes, borderline carcinoma found by this endoscopy"
<b>bordright</b>	Borderline Malignant Carcinoma Found on Right Side	Was a borderline malignant carcinoma found by this endoscopy on the right side of the colon?	0="No"
<b>cpvleith</b>	Completely Villous Adenoma Found	Was a completely villous adenoma found by this endoscopy on either side of the colon?	0="No" 1="Yes" 9="Unknown" 11="Completely Villous adenoma found, possibly by this endoscopy"
<b>cpvleft</b>	Completely Villous Adenoma Found on Left Side	Was a completely villous adenoma found by this endoscopy on the left side of the colon?	0="No" 1="Yes" 9="Unknown" 11="Completely Villous adenoma found, possibly by this endoscopy"
<b>cpvrigh</b>	Completely Villous Adenoma Found on Right Side	Was a completely villous adenoma found by this endoscopy on the right side of the colon?	0="No" 1="Yes" 9="Unknown"
<b>dyspeith</b>	Polyp with Dysplasia Found	Was a polyp with severe dysplasia found by this endoscopy on either side of the colon?	0="No" 1="Yes" 9="Unknown" 11="Polyp with dysplasia found, possibly by this endoscopy"
<b>dyspleft</b>	Polyp with Dysplasia Found on Left Side	Was a polyp with severe dysplasia found by this endoscopy on the left side of the colon?	0="No" 1="Yes" 9="Unknown" 11="Polyp with dysplasia found, possibly by this endoscopy"

Variable	Label	Description	Format Text
<b>dysprght</b>	Polyp with Dysplasia Found on Right Side	Was a polyp with severe dysplasia found by this endoscopy on the right side of the colon?	0="No" 1="Yes" 9="Unknown"
<b>hypeith</b>	Hyperplastic Polyp Found	Was a hyperplastic polyp found by this endoscopy on either side of the colon?	0="No" 1="Yes" 9="Unknown" 11="Hyperplastic polyp found, possibly by this endoscopy"
<b>hypleft</b>	Hyperplastic Polyp Found on Left Side	Was a hyperplastic polyp found by this endoscopy on the left side of the colon? For version 3 forms, the location of hyperplastic polyps is not recorded.	0="No" 1="Yes" 9="Unknown" 11="Hyperplastic polyp found, possibly by this endoscopy"
<b>hyprght</b>	Hyperplastic Polyp Found on Right Side	Was a hyperplastic polyp found by this endoscopy on the right side of the colon? For version 3 forms, the location of hyperplastic polyps is not recorded.	0="No" 1="Yes" 9="Unknown" 11="Hyperplastic polyp found, possibly by this endoscopy"
<b>insieith</b>	Is Situ Carcinoma Found	Was an in situ carcinoma found by this endoscopy on either side of the colon?	0="No" 1="Yes, in situ carcinoma found by this endoscopy" 11="In situ carcinoma found, possibly by this endoscopy"
<b>insileft</b>	Is Situ Carcinoma Found on Left Side	Was an in situ carcinoma found by this endoscopy on the left side of the colon?	0="No" 1="Yes, in situ carcinoma found by this endoscopy" 11="In situ carcinoma found, possibly by this endoscopy"
<b>insirght</b>	Is Situ Carcinoma Found on Right Side	Was an in situ carcinoma found by this endoscopy on the right side of the colon?	0="No" 1="Yes, in situ carcinoma found by this endoscopy"
<b>muceith</b>	Colonic Mucosa Polyp Found	Was a polyp determined to be colonic mucosa found by this endoscopy on either side of the colon? These polyps are only recorded on version 1 and 2 forms.	0="No" 1="Yes" 9="Unknown" 11="Colonic mucosa found, possibly by this endoscopy"
<b>mucleft</b>	Colonic Mucosa Polyp Found on Left Side	Was a polyp determined to be colonic mucosa found by this endoscopy on the left side of the colon? These polyps are only recorded on version 1 and 2 forms.	0="No" 1="Yes" 9="Unknown" 11="Colonic mucosa found, possibly by this endoscopy"
<b>mucrght</b>	Colonic Mucosa Polyp Found on Right Side	Was a polyp determined to be colonic mucosa found by this endoscopy on the right side of the colon? These polyps are only recorded on version 1 and 2 forms.	0="No" 1="Yes" 9="Unknown" 11="Colonic mucosa found, possibly by this endoscopy"
<b>notaveith</b>	Polyp with Histology Not Available Found	Was a polyp with histology not available found by this endoscopy on either side of the colon? These polyps are only recorded on version 1 and 2 forms.	0="No" 1="Yes" 11="Polyp with histology not available found, possibly by this endoscopy"

Variable	Label	Description	Format Text
<b>notavleft</b>	Polyp with Histology Not Available Found on Left Side	Was a polyp with histology not available found by this endoscopy on the left side of the colon? These polyps are only recorded on version 1 and 2 forms.	0="No" 1="Yes" 9="Unknown" 11="Polyp with histology not available found, possibly by this endoscopy"
<b>notavrgh</b>	Polyp with Histology Not Available Found on Right Side	Was a polyp with histology not available found by this endoscopy on the right side of the colon? These polyps are only recorded on version 1 and 2 forms.	0="No" 1="Yes" 9="Unknown" 11="Polyp with histology not available found, possibly by this endoscopy"
<b>otheith</b>	Polyp with Histology Other Specify Found	Was a polyp with histology of "other specify" which could not be recoded found by this endoscopy on either side of the colon? These polyps are only recorded on version 1 and 2 forms.	0="No" 1="Yes" 11="Type of polyp found, possibly by this endoscopy"
<b>othleft</b>	Polyp with Histology Other Specify Found on Left Side	Was a polyp with histology of "other specify" which could not be recoded found by this endoscopy on the left side of the colon? These polyps are only recorded on version 1 and 2 forms.	0="No" 1="Yes" 9="Unknown" 11="Type of polyp found, possibly by this endoscopy"
<b>othrgh</b>	Polyp with Histology Other Specify Found on Right Side	Was a polyp with histology of "other specify" which could not be recoded found by this endoscopy on the right side of the colon? These polyps are only recorded on version 1 and 2 forms.	0="No" 1="Yes" 9="Unknown"
<b>villeith</b>	Villous Adenoma Found	Was a villous adenoma found by this endoscopy on either side of the colon? Both completely villous and tubulovillous adenomas are considered villous in this variable.	0="No" 1="Yes" 9="Unknown" 11="Villous adenoma found, possibly by this endoscopy"
<b>villleft</b>	Villous Adenoma Found on Left Side	Was a villous adenoma found by this endoscopy on the left side of the colon? Both completely villous and tubulovillous adenomas are considered villous in this variable.	0="No" 1="Yes" 9="Unknown" 11="Villous adenoma found, possibly by this endoscopy"
<b>villrgh</b>	Villous Adenoma Found on Right Side	Was a villous adenoma found by this endoscopy on the right side of the colon? Both completely villous and tubulovillous adenomas are considered villous in this variable.	0="No" 1="Yes" 9="Unknown" 11="Villous adenoma found, possibly by this endoscopy"

## Section 4: Form Info

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Variable	Label	Description	Format Text
<b>dec_version</b>	DEC Form Version	The version of the form the endoscopy was recorded on.	1="DEC" 2="DEC2" 3="DEC3"
<b>de_prompt</b>	Was the DEC prompted by a positive screen or by a cancer diagnosis?		1="Screen prompted" 2="Cancer prompted"
<b>screen_fsg</b>	Is Endoscopy a Screening FSG?	In a small number of cases, polyps were removed on screening FSGs and included in the data. Because of this, these screening FSGs are included in this file.	0="No" 1="Yes"