

Variable	Variable definition	Data source	Time period
Time to treatment			
Breast	Days from date of diagnosis to date of surgery, radiotherapy or chemotherapy	CRN/NPR	2008-2014
Colorectal	Days from date of diagnosis to date of surgery, radiotherapy or chemotherapy	CRN/NPR	2008-2014
Lung	Days from date of diagnosis to date of surgery, radiotherapy or chemotherapy	CRN/NPR	2008-2014
Choice of treatment			
Breast			
Breast conserving surgery at stages I/II	Breast conserving surgery (yes/no)	CRN	2004-2014
Adjuvant radiotherapy at stages I/II/III	Adjuvant radiotherapy within 12 months after diagnosis (yes/no)	CRN	2004-2014
Neoadjuvant chemotherapy at stage I/II/III	Chemotherapy before surgery (yes/no)	CRN/NPR	2008-2014
Adjuvant chemotherapy at stages I/II/III	Chemotherapy within 6 months after diagnosis other than neoadjuvant chemotherapy (yes/no)	CRN/NPR	2008-2014
Colorectal			
Radiotherapy at local/regional stage (rectum only)	Radiotherapy within 6 months after diagnosis for rectum cancer (yes/no)	CRN	1997-2014
Chemotherapy at regional stage	Adjuvant chemotherapy within 6 months after diagnosis (yes/no)	NPR	2008-2014
Laparoscopic surgical method at local/regional stage	Laparoscopic surgical method (yes/no)	NPR	2008-2014
Surgery at distant stage	Resection of primary tumor (yes/no)	CRN	1990-2014
Radiotherapy at distant stage	Radiotherapy within 6 months after diagnosis (yes/no)	CRN	1997-2014
Chemotherapy at distant stage	Chemotherapy within 6 months after diagnosis (yes/no)	NPR	2008-2014
Lung			
Surgery at local stage	Resection of primary tumor (yes/no)	CRN	1990-2014
Surgery at regional stage	Resection of primary tumor (yes/no)	CRN	1990-2014
Radiotherapy at local/regional stage	Radiotherapy within 6 months after diagnosis (yes/no)	CRN	1997-2014
Chemotherapy at local/regional stage	Chemotherapy within 6 months after diagnosis (yes/no)	NPR	2008-2014
Radiotherapy at distant stage	Radiotherapy within 6 months after diagnosis (yes/no)	CRN	1997-2014
Chemotherapy at distant stage	Chemotherapy within 6 months after diagnosis (yes/no)	NPR	2008-2014
Prostate			

No treatment at local stage and age <75	No surgery or radiotherapy for 12 and 18 months after diagnosis, respectively (yes/no)	CRN	1997-2014
Surgery at local/regional stage and age <75	Prostatectomy or other surgery of primary tumor (yes/no)	CRN	1990-2014
Radiotherapy at local/regional stage and age <75	Radiotherapy within 18 months after diagnosis (yes/no)	CRN	1997-2014
Robot assisted surgery at local/regional stage	Robot-assisted surgery if receiving surgery (yes/no)	NPR	2008-2014
