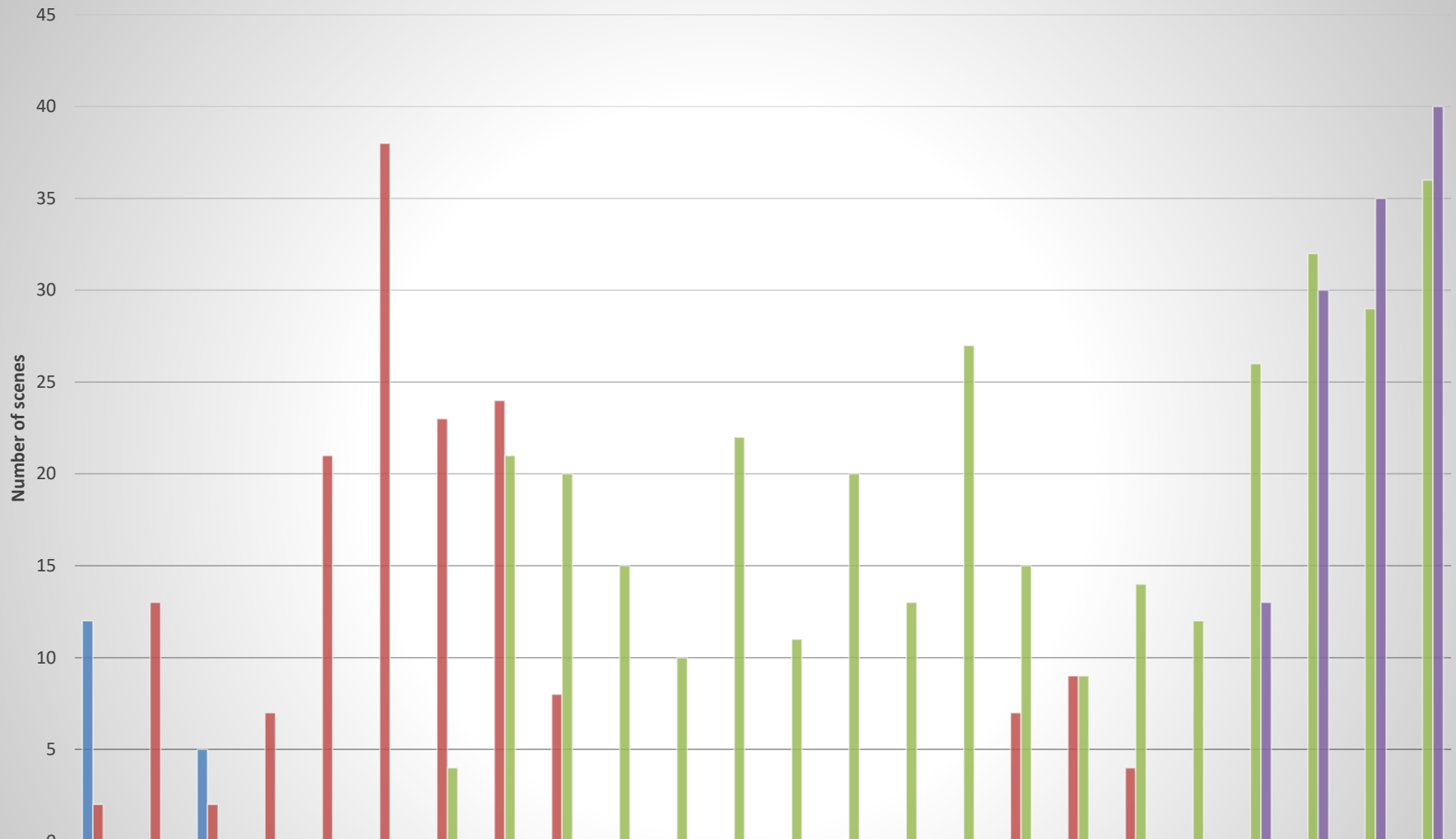
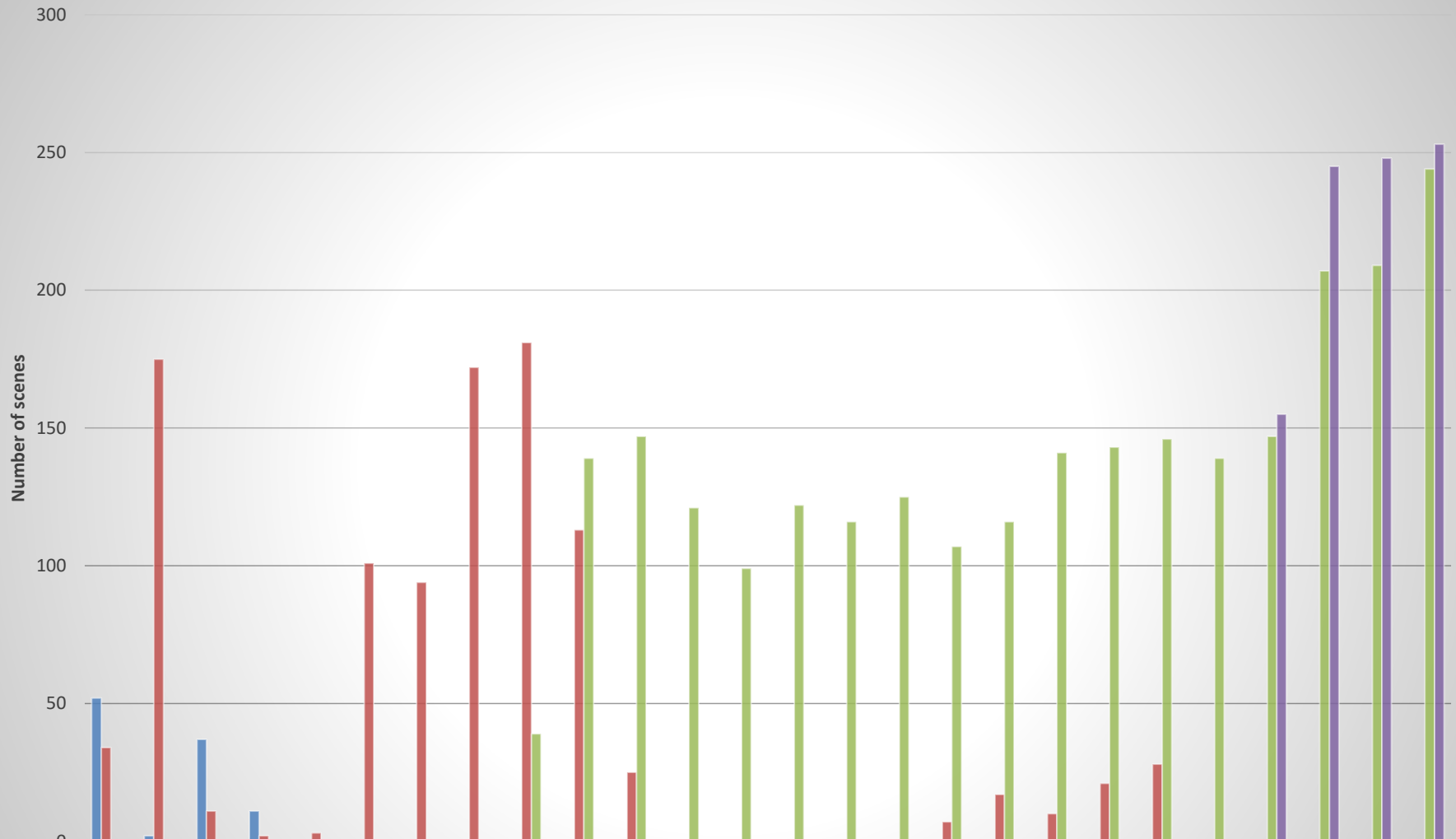


## Landsat Scenes of Panama Less Than 20% Cloud Cover



	1990	1991	1992	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016
L4	12	0	5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
L5	2	13	2	7	21	38	23	24	8	0	0	0	0	0	0	0	7	9	4	0	0	0	0	0
L7	0	0	0	0	0	0	4	21	20	15	10	22	11	20	13	27	15	9	14	12	26	32	29	36
L8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	13	30	35	40

# All Landsat scenes of Panama



	1990	1991	1992	1993	1994	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	
L4	52	2	37	11	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
L5	34	175	11	2	3	101	94	172	181	113	25	0	0	0	0	0	7	17	10	21	28	0	0	0	0	0	
L7	0	0	0	0	0	0	0	0	39	139	147	121	99	122	116	125	107	116	141	143	146	139	147	207	209	244	
L8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	155	245	248	253	

Year	All Panama Scenes					Less Than 20% Cloud Cover				
	L4	L5	L7	L8	Total	L4	L5	L7	L8	Total
1990	52	34	0	0	86	12	2	0	0	14
1991	2	175	0	0	177	0	13	0	0	13
1992	37	11	0	0	48	5	2	0	0	7
1993	11	2	0	0	13	0	0	0	0	0
1994	0	3	0	0	3	0	0	0	0	0
1996	0	101	0	0	101	0	7	0	0	7
1997	0	94	0	0	94	0	21	0	0	21
1998	0	172	0	0	172	0	38	0	0	38
1999	0	181	39	0	220	0	23	4	0	27
2000	0	113	139	0	252	0	24	21	0	45
2001	0	25	147	0	172	0	8	20	0	28
2002	0	0	121	0	121	0	0	15	0	15
2003	0	0	99	0	99	0	0	10	0	10
2004	0	0	122	0	122	0	0	22	0	22
2005	0	0	116	0	116	0	0	11	0	11
2006	0	0	125	0	125	0	0	20	0	20
2007	0	7	107	0	114	0	0	13	0	13
2008	0	17	116	0	133	0	0	27	0	27
2009	0	10	141	0	151	0	7	15	0	22
2010	0	21	143	0	164	0	9	9	0	18
2011	0	28	146	0	174	0	4	14	0	18
2012	0	0	139	0	139	0	0	12	0	12
2013	0	0	147	155	302	0	0	26	13	39
2014	0	0	207	245	452	0	0	32	30	62
2015	0	0	209	248	457	0	0	29	35	64
2016	0	0	244	253	497	0	0	36	40	76