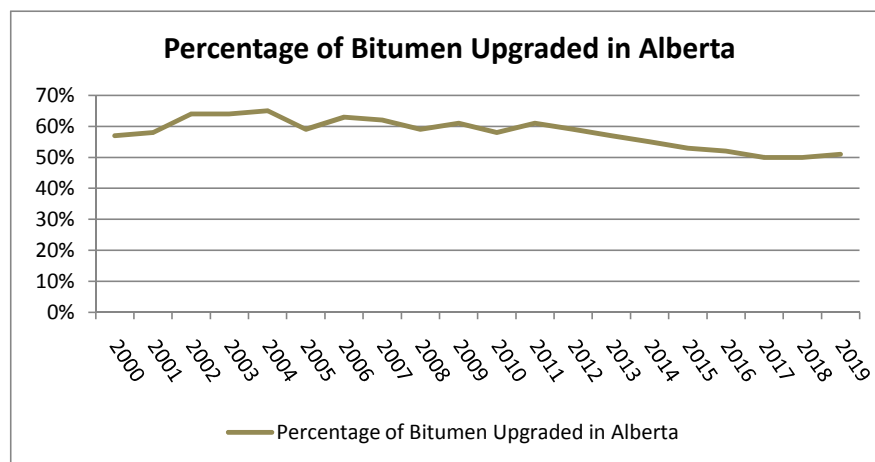


## Bitumen production and upgrading in Alberta

10<sup>3</sup> m<sup>3</sup>/d

Actual	In Situ Bitumen Upgraded 10 <sup>3</sup> m <sup>3</sup> /d	Mined Bitumen Ungraded 10 <sup>3</sup> m <sup>3</sup> /d	Total Bitumen Upgraded 10 <sup>3</sup> m <sup>3</sup> /d	Total Bitumen Production 10 <sup>3</sup> m <sup>3</sup> /d	% Bitumen Upgraded
2000		60.4	60.4	106.1	57%
2001		67.4	67.4	115.2	58%
2002		85.8	85.8	133.9	64%
2003	0.1	96.9	97	152.4	64%
2004	0.6	111.7	112.3	172.7	65%
2005	0.9	99.6	100.5	169.3	59%
2006	4.5	120.9	125.4	199.4	63%
2007	5.4	124.7	130.1	209.9	62%
2008	7	114.7	121.7	207.4	59%
2009	12.3	131.2	143.5	236.7	61%
2010	17.1	137.7	154.8	265.4	58%
2011	21.4	164.6	186	304.4	61%
2012	22.4	173	195.4	329.5	59%
2013	23.1	176.1	199.2	350.8	57%
2014	25.2	179.4	204.6	374.8	55%
2015	27.9	183.2	211.1	398.8	53%
2016	32.4	188.5	220.9	427.6	52%
2017	33.4	195.8	229.2	457.8	50%
2018	39.9	202.7	242.6	484.5	50%
2019	48.4	207.6	256	506.7	51%



(Source: correspondence with the ERCB)