



Supply and Disposition of Butanes
Unit = cubic metres (m³)

C4-SP', 'IC4-SP', 'NC4-SP', 'BUTANE-SP', 'BUTANE'

See Manual 011: How to Submit Volumetric Data to the AER for definitions of the codes used below.

Run Date:	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Year To Date	
SUPPLY														
Opening Inventory	FROM Volumetric Summary Activity Table		INVOP											Year to date opening inventory is from January
Production														
Plant/Gathering System Process	FROM Volumetric Summary Activity Table		TOTPROC	** Volume of Butanes produced from field facility (Battery, Gas Gathering System, Gas Plant)										
Refinery Process	FROM Volumetric Reporting Activity Table		Source=ABOT, ACTIVITY=REC, Dest=ABRF	** Volume of Butanes produced at Refinery										
Fractionation Yield	FROM Volumetric Summary Activity Table		TOTFRAC	** Volume of Butanes produced from Gas receipts at Fractionation facility										
Total Production	CALCULATED: Sum of Production volumes													
Intra-Alberta Receipts	FROM Volumetric Reporting Activity Table		Source=ABOT, ABGE or ABMC, ACTIVITY=REC, Dest=AB_Facility	** Volume of Butanes received from non AER regulated facility										
Imports	FROM Volumetric Reporting Activity Table		Source=^AB, ACTIVITY=REC, Dest=AB_Facility	** Volume of Butanes received from non Alberta source										
Closing Inventory	FROM Volumetric Summary Activity Table		INVCL	Year to date closing inventory is from the most current month reporting										
Adjustments	FROM Volumetric Summary Activity Table		INVADJ (can be either positive or negative)	PLUS	IMBAL (can be either positive or negative)	PLUS	DIFF (can be either positive or negative)							
TOTAL SUPPLY	CALCULATED: Opening Inventory PLUS Total Production SUBTRACT Closing Inventory PLUS Inventory Adjustment PLUS Imbalance Adjustment PLUS Imports													
DISPOSITION														
Alberta Use														
Butane Reported as Oil & Equivalent	FROM Volumetric Summary Activity Table		Sum of all facilities: C4 supply - C4 disposition											
Alberta Injection	FROM Volumetric Summary Activity Table		TOTINJ											
Alberta Other Sales	FROM Volumetric Reporting Activity Table		Source=AB_Facility, ACTIVITY=DISP, Dest=ABOT, ABGE or ABMC	** Volume of Butanes reported sent to non AER regulated facility										
Total Alberta Use	CALCULATED: Sum of Butanes reported as Oil & Equivalent PLUS Alberta Injection PLUS Alberta Other Sales													
Other Canada														
British Columbia	FROM Volumetric Reporting Activity Table		Source=AB_Facility, ACTIVITY=DISP, Dest=BC											
Saskatchewan	FROM Volumetric Reporting Activity Table		Source=AB_Facility, ACTIVITY=DISP, Dest=SK											
Manitoba	FROM Volumetric Reporting Activity Table		Source=AB_Facility, ACTIVITY=DISP, Dest=MB											
Ontario	FROM Volumetric Reporting Activity Table		Source=AB_Facility, ACTIVITY=DISP, Dest=ON											
Quebec	FROM Volumetric Reporting Activity Table		Source=AB_Facility, ACTIVITY=DISP, Dest=QC											
Maritimes	FROM Volumetric Reporting Activity Table		Source=AB_Facility, ACTIVITY=DISP, Dest=NL, NB, NS, PE											
NWT Yukon Nunavut	FROM Volumetric Reporting Activity Table		Source=AB_Facility, ACTIVITY=DISP, Dest=NT, NU, YT											
Total Other Canada	CALCULATED: Sum of Other Canada													
USA Removals														
PADD 1	FROM Volumetric Reporting Activity Table		Source=AB_Facility, ACTIVITY=DISP, Dest=CT, DC, DE, FL, GA, MA, MD, ME, NC, NH, NJ, NY, PA, RI, SC, VA, VT, WV											
PADD 2	FROM Volumetric Reporting Activity Table		Source=AB_Facility, ACTIVITY=DISP, Dest=IA, IL, IN, KS, KY, MI, MN, MO, ND, NE, OH, OK, SD, TN, WI											
PADD 3	FROM Volumetric Reporting Activity Table		Source=AB_Facility, ACTIVITY=DISP, Dest=AL, AR, LA, MS, NM, TX											
PADD 4	FROM Volumetric Reporting Activity Table		Source=AB_Facility, ACTIVITY=DISP, Dest=CO, ID, MT, UT, WY											
PADD 5	FROM Volumetric Reporting Activity Table		Source=AB_Facility, ACTIVITY=DISP, Dest=AK, AZ, CA, HI, NV, OR, WA	PLUS	Source=NEB Pipeline, ACTIVITY=DISP	** NEB Disposition of Butanes removals - audit								
Total USA Removals	CALCULATED: Sum of USA Removals													
Offshore Removals	FROM Volumetric Reporting Activity Table		Source=AB_Facility, ACTIVITY=DISP, Dest=OS											
Total Removals From Alberta	CALCULATED: Sum of Other Canada Removals and USA Removals and Offshore Removals													
Reporting Adjustment as percent	CALCULATED: Total Disposition SUBTRACT Alberta Injection SUBTRACT Alberta Other Sales SUBTRACT Total Removals from Alberta CALCULATED: Reporting Adjustment DIVIDED BY TOTAL SUPPLY AS PERCENT VALUE													
TOTAL DISPOSITION	CALCULATED: EQUAL to TOTAL SUPPLY													

Note: Removals refers to the reported disposition to the first destination outside of Alberta. This may not be the final market.



Supply and Disposition of Butanes
Unit = cubic metres (m³)

Run Date: 31 March 2021

	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Year To Date 2020
SUPPLY													
Opening Inventory	283,320.7	218,936.5	243,144.1	286,094.5	456,846.0	559,602.6	629,140.7	658,210.1	712,406.4	747,763.0	828,487.2	789,898.5	283,320.7
Production													
Plant/Gathering System Process	58,818.8	54,569.7	67,915.4	65,838.0	60,331.1	55,301.4	73,059.9	73,939.7	71,774.9	84,200.0	61,083.7	72,032.3	798,864.9
Refinery Process	2,225.0	1,647.0	-	-	915.2	1,039.7	1,384.7	1,252.4	992.6	2,800.3	2,199.2	-	14,456.1
Fractionation Yield	464,779.7	477,067.3	477,795.2	451,151.7	419,791.5	454,365.4	468,491.6	456,870.9	475,552.6	527,748.9	471,838.5	498,943.9	5,644,397.2
Total Production	525,823.5	533,284.0	545,710.6	516,989.7	481,037.8	510,706.5	542,936.2	532,063.0	548,320.1	614,749.2	535,121.4	570,976.2	6,457,718.2
Intra-Alberta Receipts	20,106.9	10,133.6	59,102.3	49,363.3	46,205.7	39,105.2	29,099.7	40,587.9	22,567.5	18,656.3	15,573.1	14,708.7	365,210.2
Imports	17,602.3	13,406.6	18,451.1	19,979.2	16,204.4	16,826.7	18,136.0	20,070.5	15,547.7	12,831.6	12,873.7	9,723.5	191,653.3
Closing Inventory	218,936.5	243,144.1	286,094.5	456,846.0	559,602.6	629,140.7	658,210.1	712,406.4	747,763.0	828,487.2	789,898.5	687,237.1	687,237.1
Adjustments	(3,259.8)	357.1	(5,696.5)	(552.0)	32,098.4	(5,669.2)	(4,057.7)	(8,951.0)	(10,902.1)	(1,234.6)	9,545.5	(5,318.8)	(3,640.7)
TOTAL SUPPLY	624,657.1	532,973.7	574,617.1	415,028.7	472,789.7	491,431.1	557,044.8	529,574.1	540,176.6	564,278.3	611,702.4	692,751.0	6,607,024.6
DISPOSITION													
Alberta Use													
Butane Reported as Oil & Equivalent	214,551.2	193,239.4	198,418.0	171,650.0	162,859.6	167,718.2	184,553.3	196,088.6	179,465.7	198,599.4	198,443.4	218,004.6	2,283,591.4
Alberta Injection	1,466.3	1,157.0	1,299.0	1,815.3	2,611.5	2,417.3	3,108.2	3,230.6	3,205.7	3,138.8	665.2	514.0	24,628.9
Alberta Other Sales	264,444.9	226,909.2	257,042.1	168,977.3	199,877.7	218,147.6	242,487.7	212,998.7	184,269.6	160,652.0	216,922.8	259,464.6	2,612,194.2
Total Alberta Use	480,462.4	421,305.6	456,759.1	342,442.6	365,348.8	388,283.1	430,149.2	412,317.9	366,941.0	362,390.2	416,031.4	477,983.2	4,920,414.5
Other Canada													
British Columbia	-	2,357.6	722.7	4,630.6	5,611.7	3,108.5	1,177.5	2,706.5	2,152.9	8,799.2	5,713.8	14,227.1	51,208.1
Saskatchewan	26,481.0	24,422.1	34,610.9	35,431.7	45,233.1	49,501.3	40,140.4	37,204.5	42,263.5	41,109.6	20,524.1	25,934.8	422,857.0
Manitoba	-	-	-	-	-	-	-	-	-	-	-	-	-
Ontario	2,049.9	2,047.7	2,274.6	-	-	-	-	-	-	1,184.6	2,385.1	-	9,941.9
Quebec	-	-	-	-	-	-	-	-	-	-	5,729.0	12,884.7	18,613.7
Maritimes	7,199.3	5,755.9	-	822.8	4,589.5	3,871.6	3,063.4	2,001.7	24,735.7	29,392.0	11,526.9	14,378.1	107,336.9
NWT Yukon Nunavut	-	-	-	-	-	-	-	-	-	-	-	-	-
Total Other Canada	35,730.2	34,583.3	37,608.2	40,885.1	55,434.3	56,481.4	44,381.3	41,912.7	69,152.1	80,485.4	45,878.9	67,424.7	609,957.6
USA Removals													
PADD 1	6,309.1	958.2	2,395.2	-	-	-	-	2,461.0	7,832.6	12,649.1	32,890.9	33,378.4	98,874.5
PADD 2	6,402.2	4,434.8	724.8	-	49.6	961.7	-	2,838.0	2,919.2	15,348.4	14,065.2	12,069.0	59,812.9
PADD 3	4,443.9	2,399.9	3,597.3	-	-	-	-	-	-	947.5	7,179.1	8,279.0	26,846.7
PADD 4	599.3	-	5,264.7	1,897.1	-	-	-	2,362.7	-	3,554.9	-	-	13,678.7
PADD 5	84,004.7	61,139.1	61,200.7	28,821.9	41,760.1	42,107.2	75,263.2	66,385.8	76,444.8	74,764.6	91,352.7	88,370.6	791,615.4
Total USA Removals	101,759.2	68,932.0	73,182.7	30,719.0	41,809.7	43,068.9	75,263.2	74,047.5	87,196.6	107,264.5	145,487.9	142,097.0	990,828.2
Offshore Removals													
Total Removals From Alberta	137,489.4	103,515.3	110,790.9	71,604.1	97,244.0	99,550.3	119,644.5	115,960.2	156,348.7	187,749.9	191,366.8	209,521.7	1,600,785.8
Reporting Adjustment	6,705.3	8,152.8	7,067.1	982.0	10,196.9	3,597.7	7,251.1	1,296.0	16,886.9	14,138.2	4,304.2	5,246.1	85,824.3
as percent	1.1%	1.5%	1.2%	0.2%	2.2%	0.7%	1.3%	0.2%	3.1%	2.5%	0.7%	0.8%	1.3%
TOTAL DISPOSITION	624,657.1	532,973.7	574,617.1	415,028.7	472,789.7	491,431.1	557,044.8	529,574.1	540,176.6	564,278.3	611,702.4	692,751.0	6,607,024.6

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