



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: 04 January 2022

| | Jan | Feb | Mar | Apr | May | Jun | Jul | Aug | Sep | Oct | Nov | Dec | Year To Date 2021 |
|-------------------------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|----------|----------------------|
| SUPPLY | | | | | | | | | | | | | |
| Opening Inventory | 687,237.1 | 571,044.5 | 513,951.0 | 480,661.5 | 494,761.5 | 515,594.4 | 477,187.5 | 497,936.4 | 478,961.5 | 423,887.3 | 396,418.1 | - | 687,237.1 |
| Production | | | | | | | | | | | | | |
| Plant/Gathering System Process | 78,707.8 | 63,724.4 | 71,791.5 | 61,882.2 | 63,270.2 | 62,658.3 | 75,089.6 | 70,677.6 | 63,533.7 | 69,810.9 | 81,611.8 | - | 762,758.0 |
| Refinery Process | 279.1 | 1,261.8 | - | 590.2 | 3,046.4 | - | 805.8 | 1,117.9 | 3,063.8 | - | 1,629.4 | - | 11,794.4 |
| Fractionation Yield | 510,120.6 | 446,709.1 | 515,181.0 | 494,075.6 | 513,928.3 | 434,352.5 | 515,749.2 | 476,824.2 | 434,876.1 | 490,466.0 | 512,810.0 | - | 5,345,092.6 |
| Total Production | 589,107.5 | 511,695.3 | 586,972.5 | 556,548.0 | 580,244.9 | 497,010.8 | 591,644.6 | 548,619.7 | 501,473.6 | 560,276.9 | 596,051.2 | - | 6,119,645.0 |
| Intra-Alberta Receipts | 19,058.3 | 18,526.8 | 21,126.8 | 3,469.7 | 5,568.3 | 14,643.5 | 3,456.6 | 5,803.8 | 9,634.9 | 9,372.9 | 4,333.1 | - | 114,994.7 |
| Imports | 13,317.9 | 13,309.5 | 16,090.5 | 15,529.7 | 17,093.3 | 17,400.7 | 17,599.4 | 18,773.5 | 18,994.1 | 20,423.7 | 16,740.9 | - | 185,273.2 |
| Closing Inventory | 571,044.5 | 513,951.0 | 480,661.5 | 494,761.5 | 515,594.4 | 477,187.5 | 497,936.4 | 478,961.5 | 423,887.3 | 396,418.1 | 433,618.7 | - | 433,618.7 |
| Adjustments | (8,930.9) | 14,526.7 | (9,019.9) | (7,144.4) | (13,055.7) | (6,746.6) | (2,881.1) | (1,846.7) | 1,199.7 | (5,041.7) | (9,241.6) | - | (48,182.2) |
| TOTAL SUPPLY | 728,745.4 | 615,151.8 | 648,459.4 | 554,303.0 | 569,017.9 | 560,715.3 | 589,070.6 | 590,325.2 | 586,376.5 | 612,501.0 | 570,683.0 | - | 6,625,349.1 |
| DISPOSITION | | | | | | | | | | | | | |
| Alberta Use | | | | | | | | | | | | | |
| Butane Reported as Oil & Equivalent | 223,331.2 | 193,164.7 | 219,970.5 | 205,022.9 | 184,801.8 | 204,610.0 | 201,182.2 | 223,009.5 | 208,424.3 | 205,481.6 | 193,673.4 | - | 2,262,672.1 |
| Alberta Injection | - | - | - | - | - | - | - | - | - | - | 1,965.6 | - | 1,965.6 |
| Alberta Other Sales | 264,907.1 | 243,080.4 | 251,195.2 | 232,143.9 | 257,705.7 | 216,037.4 | 228,956.2 | 203,560.6 | 224,409.2 | 257,455.2 | 241,592.9 | - | 2,621,043.8 |
| Total Alberta Use | 488,238.3 | 436,245.1 | 471,165.7 | 437,166.8 | 442,507.5 | 420,647.4 | 430,138.4 | 426,570.1 | 432,833.5 | 462,936.8 | 437,231.9 | - | 4,885,681.5 |
| Other Canada | | | | | | | | | | | | | |
| British Columbia | 12,473.8 | 11,250.7 | 8,635.7 | 7,936.3 | 5,626.0 | 9,034.2 | 10,057.6 | 12,770.4 | 12,004.5 | 14,384.2 | 15,906.4 | - | 120,079.8 |
| Saskatchewan | 28,450.8 | 25,261.2 | 29,008.3 | 40,297.0 | 35,992.5 | 34,424.5 | 41,328.6 | 34,488.4 | 34,306.0 | 23,941.8 | 29,465.0 | - | 356,964.1 |
| Manitoba | - | - | - | - | - | - | - | - | - | - | - | - | - |
| Ontario | - | - | 830.1 | 1,169.4 | 585.0 | 820.6 | 706.9 | 118.1 | 354.7 | - | - | - | 4,584.8 |
| Quebec | 6,074.4 | - | - | - | 3,503.5 | 3,265.4 | - | - | - | - | - | - | 12,843.3 |
| Maritimes | 17,426.9 | 18,932.0 | 29,544.7 | 2,114.2 | 3,068.3 | 2,361.1 | 2,708.5 | 2,578.1 | 7,193.1 | 3,907.9 | 15,409.2 | - | 105,244.0 |
| NWT Yukon Nunavut | - | - | - | - | - | - | - | - | - | - | - | - | - |
| Total Other Canada | 64,425.9 | 55,443.9 | 68,018.8 | 51,516.9 | 48,775.3 | 49,905.8 | 54,801.6 | 49,955.0 | 53,858.3 | 42,233.9 | 60,780.6 | - | 599,716.0 |
| USA Removals | | | | | | | | | | | | | |
| PADD 1 | 27,959.2 | 34,038.7 | 42,878.9 | 18,669.6 | 5,842.9 | 14,331.2 | 16,161.3 | 10,229.0 | 351.0 | - | 1,195.1 | - | 171,656.9 |
| PADD 2 | 17,369.7 | 7,534.4 | 4,095.4 | 3,095.4 | 928.6 | 4,741.4 | 8,593.6 | 11,912.1 | 9,570.4 | 10,299.7 | 7,120.5 | - | 85,261.2 |
| PADD 3 | 10,049.8 | 13,411.1 | 8,262.5 | - | 580.0 | 3,055.3 | 1,761.8 | 5,034.7 | 3,546.0 | 3,553.3 | 2,995.2 | - | 52,249.7 |
| PADD 4 | 2,627.5 | 4,884.2 | - | 5,180.8 | 5,646.9 | 5,161.2 | 7,015.7 | 6,440.9 | 814.7 | - | - | - | 37,771.9 |
| PADD 5 | 116,287.3 | 62,208.5 | 52,938.5 | 37,312.6 | 64,019.4 | 57,638.3 | 69,666.9 | 77,826.5 | 84,229.5 | 93,534.4 | 58,940.6 | - | 774,602.5 |
| Total USA Removals | 174,293.5 | 122,076.9 | 108,175.3 | 64,258.4 | 77,017.8 | 84,927.4 | 103,199.3 | 111,443.2 | 98,511.6 | 107,387.4 | 70,251.4 | - | 1,121,542.2 |
| Offshore Removals | - | - | - | - | - | - | - | - | - | - | - | - | - |
| Total Removals From Alberta | 238,719.4 | 177,520.8 | 176,194.1 | 115,775.3 | 125,793.1 | 134,833.2 | 158,000.9 | 161,398.2 | 152,369.9 | 149,621.3 | 131,032.0 | - | 1,721,258.2 |
| Reporting Adjustment | 1,787.7 | 1,385.9 | 1,099.6 | 1,360.9 | 717.3 | 5,234.7 | 931.3 | 2,356.9 | 1,173.1 | (57.1) | 2,419.1 | - | 18,409.4 |
| as percent | 0.2% | 0.2% | 0.2% | 0.2% | 0.1% | 0.9% | 0.2% | 0.4% | 0.2% | 0.0% | 0.4% | - | 0.3% |
| TOTAL DISPOSITION | 728,745.4 | 615,151.8 | 648,459.4 | 554,303.0 | 569,017.9 | 560,715.3 | 589,070.6 | 590,325.2 | 586,376.5 | 612,501.0 | 570,683.0 | - | 6,625,349.1 |

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