NWT Airport Statistics Report





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Itinerant Traffic Movements at Government of the Northwest Territories' Six Largest Airports

2003

October 2004



Acknowledgements

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Photos on pages 10, 12, 14, 16, 18 and 20 are courtesy of Pryde Schropp McComb Inc.

For questions or comments on this publication and the data presented herein please contact the Planning and Policy Division by telephone at (867) 873-7666, or by facsimile at (867) 920-2565.

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Glossary of Terms and Acronyms

Airport traffic circuit: the specified path to be flown by aircraft operating in the vicinity of the airport.

Arr/Dep: Arrivals/Departures.

CARS: Community Aerodrome Radio Station.

CATSA: Canadian Air Transport Security Authority.

Deplaned passengers: passengers that disembark aircraft at the airport i.e. passengers that are arriving at the airport (excluding connecting passengers).

DOT: Department of Transportation (Government of the Northwest Territories).

E/D pax: Enplaned/Deplaned Passengers.

Enplaned passengers: passengers that embark aircraft at the airport i.e. passengers that are departing at the airport (excluding connecting passengers).

FSS: Flight Service Station.

GNWT: Government of the Northwest Territories.

Itinerant aircraft movements: flights that are either arriving from (i.e. landing) or proceeding (i.e. taking-off) to another location. Flights that leave the airport traffic circuit but later return to land are considered itinerant.

Local aircraft movements: flights that operate in the airport traffic circuit or within sight of a control tower, including flights known to be departing to or arriving from flight in local practice areas and aircraft simulating approaches at the airport (touch-and-go).

NCAMS: NavCanada Aircraft Movements System.

Executive Summary

In 2003, the six largest Government of the Northwest Territories' airports, namely Yellowknife, Inuvik, Norman Wells, Fort Smith, Hay River and Fort Simpson, saw an overall 7% rise in itinerant traffic i.e. landings and takeoffs. There were 86,600 reported aircraft arrivals and departures at these airports in 2003, compared with 81,196 in 2002. The volume of passengers going through these six airports in 2003 is estimated at 473,000.

Among the six largest airports, Norman Wells had the largest increase, 22%, in arrivals and departures. The current traffic levels at Norman Wells Airport are approaching those at Inuvik Airport, the second busiest airport in the Northwest Territories. Fort Smith and Yellowknife airports also saw a considerable rise in itinerant traffic: Fort Smith Airport by 11% and Yellowknife Airport by 8%. Itinerant traffic also rose at Hay River Airport by 5%, whereas Inuvik and Fort Simpson airports experienced a decline: Inuvik Airport by 6% and Fort Simpson Airport by 3%.



Introduction

Timely and accurate statistics are essential for good planning and operation of airports. Without them it becomes very difficult to predict, plan for and evaluate the impact of changes in airport traffic volumes. The aviation industry is by its nature a dynamic industry that is dependent on economic, social and political trends and changes. Being able to predict and plan for the impact of changes is crucial to good management of airports.

In the past, the GNWT's DOT has relied on aviation statistics published by Statistics Canada. The information available is neither sufficiently comprehensive nor available on a timely basis, particularly for the smaller airports. In addition, there have been inconsistencies, with regard to GNWT airports, within the Statistics Canada reports themselves.

In 2003, DOT addressed this situation and began a program of data collection and analysis of traffic at GNWT airports. This report is the initial result of that effort. It is limited to itinerant traffic movements at GNWT's six largest airports. Itinerant traffic movements are flights that are either entering or leaving the airport's circuit. The statistics and charts in this report are based on NavCanada Aircraft Movements System (NCAMS) itinerant airport traffic data collected at the Yellowknife Airport tower, the Flight Service Station in Inuvik and Norman Wells, and the Community Aerodrome Radio Station (CARS) in Fort Smith, Hay River and Fort Simpson. Local airport traffic movements (i.e. flights that do not leave the airport's circuit such as practice or training flights) are not included in this report but the intention is that future versions include all traffic data (itinerant and local) and that coverage be expanded. Implementation of electronic collection of Northwest Territories (NWT) aircraft movements statistics using NCAMS at GNWT airports with CARS is well underway and will be complete by end of March 2005.

Information on passenger volumes at airports in the Northwest Territories is another important planning and management tool. Statistics Canada does provide some information on passenger movements. However, for the airports in the Northwest Territories this information is limited and not made available timely enough to be of value for planning or operational considerations for GNWT airports. Many airport operators in other jurisdictions collect passenger statistics directly and the GNWT is considering doing so as it extends its own collection of airport statistics. In this report, passenger volumes at the airports covered are estimated based on historic trends, established from Transport Canada publications, and traffic projections from current airport development plans.

The GNWT Airports System

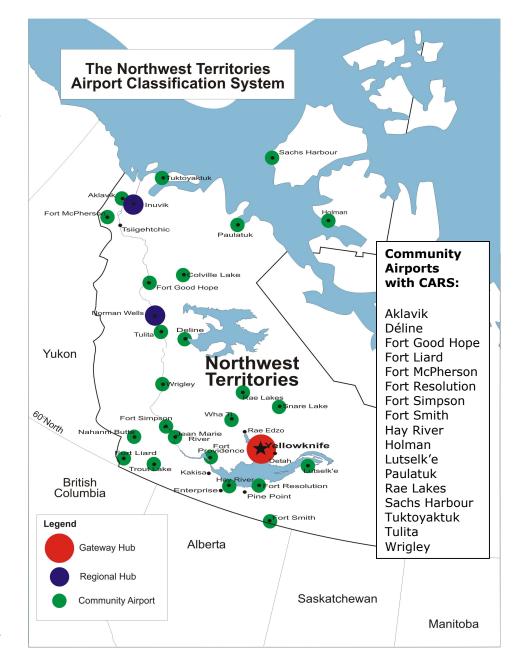
Airports are critical components of the territorial transportation system. Only 17 of 33 communities in the Northwest Territories have access to the all-weather highway system and only a third of the highway system has a paved surface. The GNWT owns and operates 27 public airports, classified under one of three categories: gateway hub (Yellowknife), regional hubs (Inuvik and Norman Wells), and community airports.

Of the 27 public airports in the NWT only six have paved runways, the other 21 have gravel runways. Four of the 27 airports are not certified but registered aerodromes.

One of DOT's core business activities is to provide airport and aviation facilities and services to encourage the development of safe, reliable, and accessible commercial air services to NWT communities. DOT's Airports Division is responsible for the operation, maintenance, rehabilitation and upgrading of the public airports in the NWT.

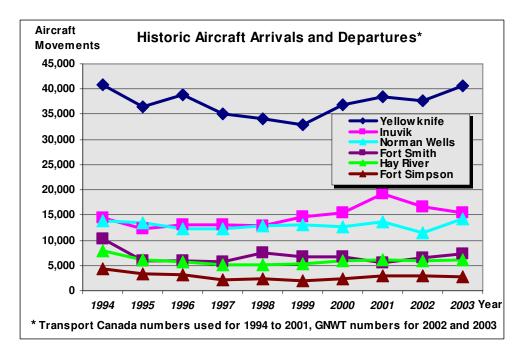
In addition to the 27 public airports, there are numerous privately owned airports and airstrips that serve resource development and tourism operations.

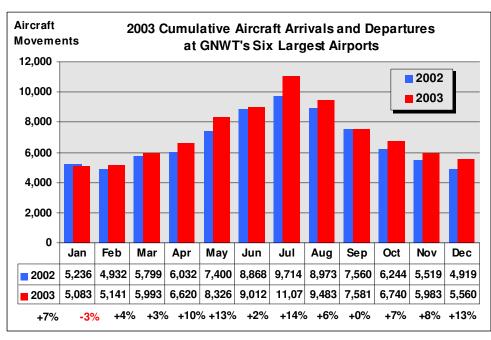
NavCanada operates a FSS at three airports in the NWT: Yellowknife, Inuvik and Norman Wells, and a control tower at Yellowknife Airport. At 17 community airports there is a CARS.



Historic Aircraft Arrivals and Departures

The chart on the right shows the trend in itinerant aircraft movements at the six largest GNWT airports over the last 10 years. GNWT itinerant numbers were used for 2003 and 2002 and published Transport Canada statistics reports for the period from 1994 to 2001.





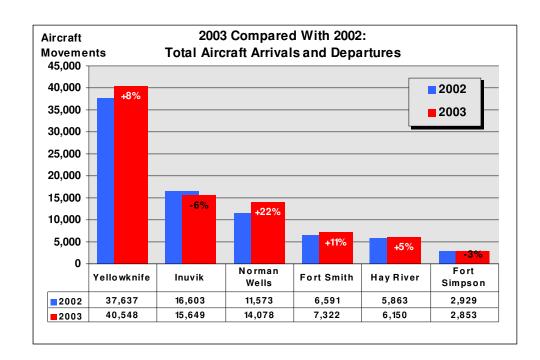
2003 Cumulative Aircraft Arrivals and Departures

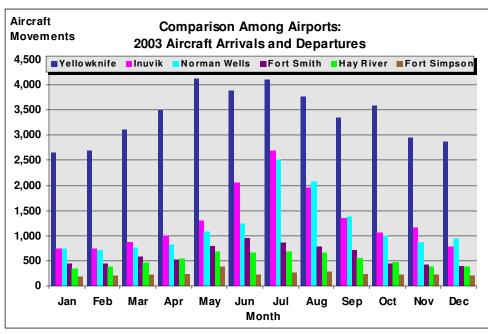
In 2003, the total number of aircraft arrivals and departures at the NWT's six largest airports was 86,600, up by 7% compared with 2002. The total number of aircraft arrivals and departures at those airports in 2002 was 81,196. The chart on the left provides further details.

Comparison with Previous Year

Overall, itinerant aircraft movements at the six largest airports increased by 7% in 2003.

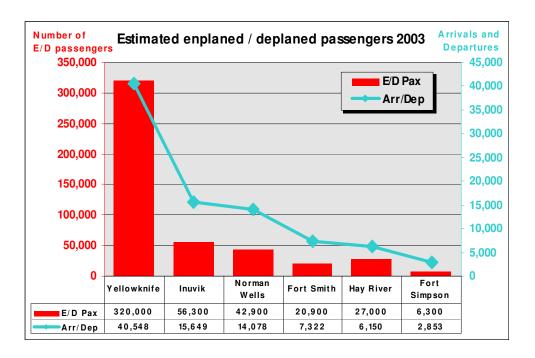
Several GNWT airports experienced a considerable increase. Most notably, there was a 22% rise in itinerant traffic at Norman Wells Airport, which brought its levels close to those of Inuvik. Fort Smith and Yellowknife airports also saw considerable growth in itinerant traffic: Fort Smith Airport by 11% and Yellowknife Airport by 8%. Itinerant traffic also rose, by 5%, at Hay River Airport whereas at Inuvik and Fort Simpson airports it declined: by 6% and 3%, respectively.





Comparison Among Airports

Traffic levels vary substantially at the six largest GNWT airports. The chart on the left shows these varying traffic levels. The relative jump in aircraft arrivals and departures at Norman Wells Airport in the summer and fall of 2003 is evident. Aircraft fire fighting activity, increase in outfitter flights, and exploration and increased activity related to the Mackenzie Valley Gas Project all contributed to this traffic increase.



2003 Passenger Estimate

The number of enplaned and deplaned passengers at the six largest airports in 2003 is estimated at 473,400.

The estimate is based on the number of aircraft movements, historic trends in aircraft movements and passenger volumes established from Transport Canada publications, and projections from current airport development plans.



Individual Airports



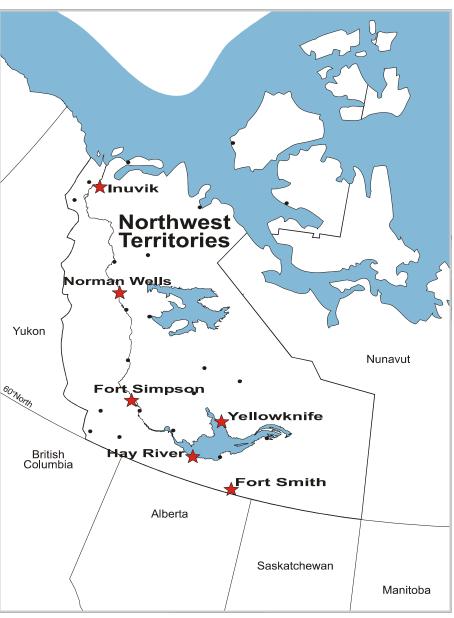
Inuvik Airport Pages 14-15



Norman Wells Airport Pages 16-17



Fort Simpson Airport Pages 22-23





Yellowknife Airport Pages 12-13



Fort Smith Airport Pages 18-19

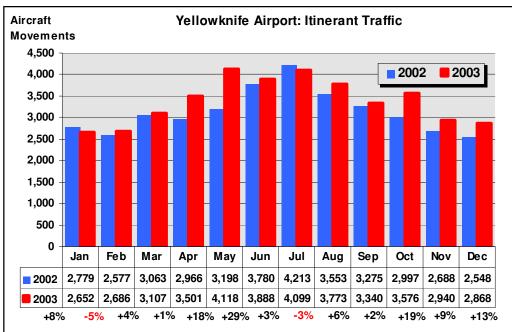


Hay River Airport Pages 20-21

Yellowknife Airport

Yellowknife Airport is the gateway hub airport in the Northwest Territories and is part of the National Airports System (NAS). It is the only NAS airport in the NWT and as such is a designated airport where CATSA security screening is required. Yellowknife Airport has two asphalt runways (7500' x 150' and 5000' x 150') and is the only airport in the Northwest Territories with Air Traffic Control Services and an Independent Secondary Surveillance Radar (SSR) provided by NavCanada.





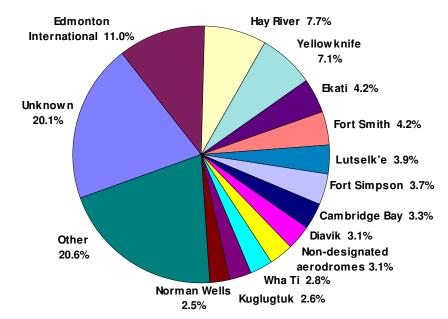
2003 Itinerant Traffic

Aircraft arrivals and departures at Yellowknife Airport increased by 8% in 2003, compared with 2002. The increase was particularly noticeable in the spring and the fall.

Yellowknife is the gateway hub to the NWT Airport System and 11% of aircraft departures and arrivals in 2003 were flights to and from Edmonton International Airport. Hay River flights account for 7.7% of departures and arrivals at Yellowknife Airport. The Fort Smith route accounts for 4.2% as does the Ekati diamond mine route. Diavik diamond mine flights account for 3.1%, as do flights to and from nondesignated aerodromes, i.e. to lakes without a waterdrome or off-airport strips. In fact, flights to and from the two operating diamond mines, Ekati and Diavik, account for 7.3% of itinerant movements at Yellowknife Airport. Flights between Yellowknife and Lutselk'e account for 3.9% of Yellowknife's arrivals and departures while Fort Simpson flights account for 3.7%, and Cambridge Bay 3.3%. A substantial share of Yellowknife Airport data, 20.1%, has unreported or missing origin/destination information.

Further details can be found in the table on the right.

2003 Route Analysis for Yellowknife Airport

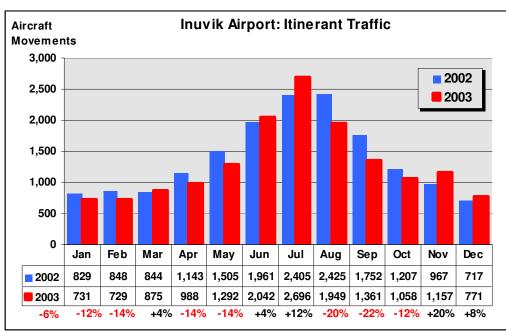


| To/From | Jan | Feb | Mar | Apr | May | Jun | Jul | Aug | Sep | Oct | Nov | Dec | Total | Share |
|---------------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|--------|--------|
| Edmonton International | 369 | 349 | 377 | 372 | 377 | 368 | 388 | 377 | 364 | 385 | 370 | 374 | 4,470 | 11.0% |
| Hay River | 213 | 241 | 252 | 281 | 303 | 279 | 251 | 251 | 274 | 288 | 230 | 249 | 3,112 | 7.7% |
| Yellowknife | 153 | 195 | 232 | 290 | 405 | 318 | 277 | 226 | 161 | 292 | 168 | 177 | 2,894 | 7.1% |
| Ekati | 155 | 82 | 92 | 145 | 127 | 126 | 157 | 143 | 183 | 229 | 141 | 143 | 1,723 | 4.2% |
| Fort Smith | 124 | 114 | 128 | 138 | 167 | 161 | 170 | 153 | 140 | 138 | 128 | 122 | 1,683 | 4.2% |
| Lutselk'e | 121 | 108 | 113 | 118 | 150 | 140 | 122 | 139 | 132 | 142 | 127 | 152 | 1,564 | 3.9% |
| Fort Simpson | 99 | 105 | 130 | 127 | 130 | 120 | 152 | 147 | 137 | 131 | 117 | 114 | 1,509 | 3.7% |
| Cambridge Bay | 88 | 109 | 118 | 134 | 125 | 140 | 123 | 121 | 107 | 99 | 93 | 90 | 1,347 | 3.3% |
| Diavik | 79 | 60 | 59 | 85 | 102 | 116 | 116 | 84 | 127 | 148 | 156 | 141 | 1,273 | 3.1% |
| Non-design. aerodromes | 46 | 85 | 130 | 180 | 128 | 142 | 112 | 139 | 85 | 78 | 72 | 53 | 1,250 | 3.1% |
| Wha Ti | 82 | 64 | 64 | 78 | 111 | 99 | 114 | 93 | 104 | 119 | 114 | 98 | 1,140 | 2.8% |
| Kuglugtuk | 64 | 64 | 83 | 96 | 85 | 105 | 105 | 96 | 113 | 92 | 80 | 76 | 1,059 | 2.6% |
| Norman Wells | 67 | 57 | 63 | 66 | 88 | 107 | 135 | 96 | 73 | 94 | 103 | 74 | 1,023 | 2.5% |
| Missing info | 432 | 499 | 700 | 741 | 1,109 | 851 | 966 | 825 | 659 | 628 | 356 | 380 | 8,146 | 20.1% |
| Other | 560 | 554 | 566 | 650 | 711 | 816 | 911 | 883 | 681 | 713 | 685 | 625 | 8,355 | 20.6% |
| | 2,652 | 2,686 | 3,107 | 3,501 | 4,118 | 3,888 | 4,099 | 3,773 | 3,340 | 3,576 | 2,940 | 2,868 | 40,548 | 100.0% |

Inuvik (Mike Zubko) Airport

Inuvik (Mike Zubko) Airport is a regional hub airport. It has an asphalt runway (6000' x 150') and a Flight Service Station.





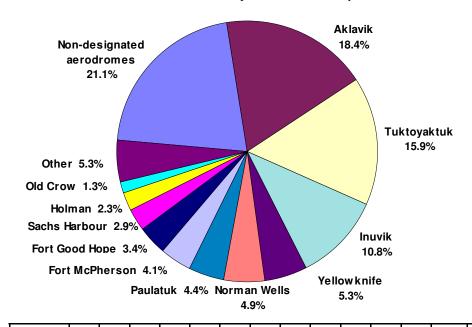
2003 Itinerant Traffic

Arrivals and departures at Inuvik Airport decreased by 6% in 2003, compared with 2002.

Inuvik Airport is a regional hub. The two busiest routes at Inuvik Airport are to Aklavik and Tuktoyaktuk, two smaller community airports in the region. The Aklavik route accounted for 18.4% of departures and arrivals in 2003 and the Tuktoyaktuk route for 15.9%. Flights to other community airports in the region accounted for a good share as well: Paulatuk Airport for 4.4%, Fort McPherson Airport for 4.1%, Fort Good Hope Airport for 3.4%, Sachs Harbour Airport for 2.9% and Holman Airport for 2.3%. Flights to Yellowknife account for 5.3% of itinerant flights at Inuvik Airport and another 4.9% are flights to Norman Wells Airport. Flights to non-designated aerodromes, i.e. to lakes without a waterdrome or into off-airport strips, account for 21.1% of arrivals and departures.

The table on the right provides further details.

2003 Route Analysis for Inuvik Airport

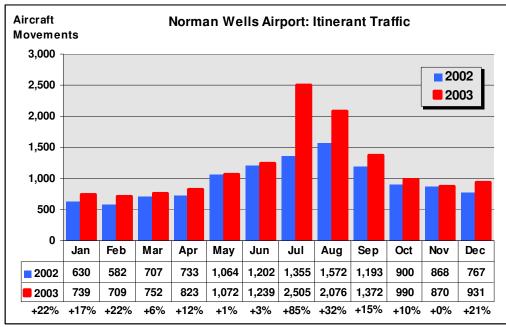


| To/From | Jan | Feb | Mar | Apr | May | Jun | Jul | Aug | Sep | Oct | Nov | Dec | Total | Share |
|---------------------------|-----|-----|-----|-----|-------|-------|-------|-------|-------|-------|-------|-----|--------|--------|
| Non-design. aerodromes | 75 | 123 | 173 | 298 | 208 | 489 | 848 | 518 | 253 | 119 | 134 | 62 | 3,300 | 21.1% |
| Aklavik | 108 | 45 | 68 | 108 | 299 | 389 | 429 | 316 | 376 | 267 | 261 | 211 | 2,877 | 18.4% |
| Tuktoyaktuk | 76 | 74 | 83 | 112 | 174 | 353 | 427 | 408 | 240 | 219 | 189 | 137 | 2,492 | 15.9% |
| Inuvik | 145 | 135 | 110 | 62 | 111 | 236 | 446 | 212 | 105 | 62 | 43 | 19 | 1,686 | 10.8% |
| Yellowknife | 56 | 63 | 61 | 76 | 71 | 101 | 87 | 60 | 55 | 63 | 79 | 60 | 832 | 5.3% |
| Norman Wells | 63 | 59 | 65 | 41 | 46 | 63 | 82 | 74 | 76 | 69 | 73 | 62 | 773 | 4.9% |
| Paulatuk | 48 | 44 | 56 | 69 | 56 | 55 | 68 | 69 | 63 | 50 | 53 | 50 | 681 | 4.4% |
| Fort McPherson | 20 | 27 | 26 | 37 | 145 | 72 | 53 | 51 | 14 | 29 | 153 | 10 | 637 | 4.1% |
| Fort Good Hope | 24 | 22 | 41 | 45 | 47 | 68 | 55 | 51 | 35 | 46 | 48 | 52 | 534 | 3.4% |
| Sachs Harbour | 24 | 31 | 46 | 31 | 34 | 39 | 50 | 34 | 43 | 44 | 34 | 42 | 452 | 2.9% |
| Holman | 24 | 26 | 36 | 31 | 33 | 23 | 27 | 44 | 31 | 30 | 28 | 21 | 354 | 2.3% |
| Old Crow | 12 | 17 | 17 | 15 | 13 | 21 | 31 | 18 | 18 | 16 | 15 | 12 | 205 | 1.3% |
| Other | 56 | 63 | 93 | 63 | 55 | 133 | 93 | 94 | 52 | 44 | 47 | 33 | 826 | 5.3% |
| | 731 | 729 | 875 | 988 | 1,292 | 2,042 | 2,696 | 1,949 | 1,361 | 1,058 | 1,157 | 771 | 15,649 | 100.0% |

Norman Wells Airport

Norman Wells Airport is a regional hub airport. It has an asphalt runway $(6000' \times 150')$ and a Flight Service Station.





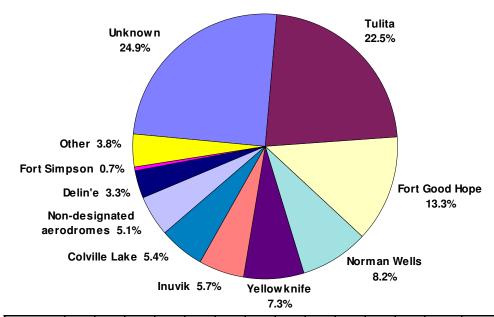
2003 Itinerant Traffic

There was a 22% increase in itinerant aircraft movements at Norman Wells Airport in 2003. The jump from the previous year was particularly significant in the summer and the fall. The main contributing factor was aircraft fire fighting activity in the area (July and August). In addition, there was an increase in the number of outfitter flights in the fall as well as exploration and increased activity related to the Mackenzie Gas Project. The higher traffic levels at Norman Wells Airport are expected to continue in 2004.

Flights between Norman Wells and Tulita account for 22.5% of itinerant traffic at Norman Wells Airport; flights to and from Fort Good Hope for 13.3%, Colville Lake for 5.4%, and Deliné for 3.2%. The Yellowknife route accounts for 7.2% of itinerant traffic at Norman Wells Airport. Another 5.7% are flights to Inuvik. Return flights to nondesignated aerodromes, i.e. to lakes without a waterdrome or off-airport strips, account for 4.6% of arrivals and departures. A substantial share of Norman Wells Airport data, 24.5%, has unreported or missing origin/ destination information.

The table on the right provides further details on Norman Wells Airport routes.

2003 Route Analysis for Norman Wells Airport

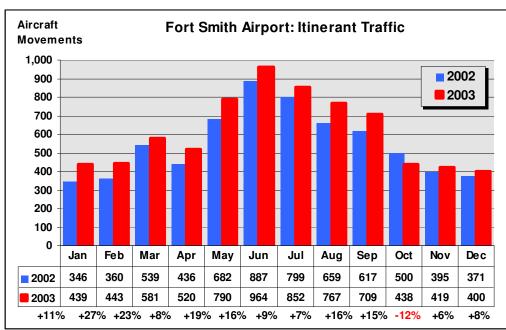


| To/From | Jan | Feb | Mar | Apr | May | Jun | Jul | Aug | Sep | Oct | Nov | Dec | Total | Share |
|---------------------------|-----|-----|-----|-----|-------|-------|-------|-------|-------|-----|-----|-----|--------|--------|
| Tulita | 159 | 167 | 188 | 237 | 296 | 254 | 303 | 400 | 326 | 333 | 267 | 239 | 3,169 | 22.5% |
| Fort Good | 108 | 113 | 110 | 140 | 165 | 175 | 203 | 253 | 158 | 172 | 133 | 137 | 1,867 | 13.3% |
| Norman | 78 | 34 | 33 | 72 | 106 | 160 | 185 | 172 | 81 | 83 | 50 | 101 | 1,155 | 8.2% |
| Yellowknife | 70 | 55 | 70 | 66 | 79 | 96 | 141 | 100 | 71 | 94 | 101 | 78 | 1,021 | 7.3% |
| Inuvik | 74 | 68 | 50 | 44 | 47 | 65 | 96 | 78 | 78 | 70 | 72 | 60 | 802 | 5.7% |
| Colville Lake | 53 | 56 | 46 | 58 | 49 | 65 | 70 | 99 | 83 | 59 | 52 | 72 | 762 | 5.4% |
| Delin'e | 15 | 23 | 28 | 33 | 37 | 53 | 65 | 59 | 31 | 37 | 33 | 44 | 458 | 3.3% |
| Fort Simp- | 1 | 6 | 3 | 4 | 9 | 7 | 18 | 19 | 21 | 5 | 1 | 3 | 97 | 0.7% |
| Non-design. aerodromes | 113 | 6 | 15 | 35 | 133 | 111 | 77 | 39 | 29 | 15 | 65 | 81 | 719 | 5.1% |
| Missing info | 36 | 142 | 177 | 105 | 128 | 195 | 1,252 | 781 | 441 | 89 | 69 | 85 | 3,500 | 24.9% |
| Other | 32 | 39 | 32 | 29 | 23 | 58 | 95 | 76 | 53 | 33 | 27 | 32 | 528 | 3.8% |
| | 739 | 709 | 752 | 823 | 1,072 | 1,239 | 2,505 | 2,076 | 1,372 | 990 | 870 | 931 | 14,078 | 100.0% |

Fort Smith Airport

Fort Smith Airport has one asphalt $(6000' \times 200')$ and one gravel/asphalt $(1800' \times 150', 1200')$ gravel and 600' asphalt) runway. It also has a Community Aerodrome Radio Station.





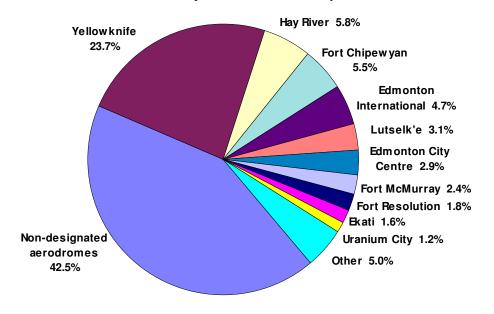
2003 Itinerant Traffic

In 2003, there was an 11% overall increase in total aircraft arrivals and departures at Fort Smith Airport, compared with the previous year.

A large proportion of Fort Smith flights, 23.7%, were from Yellowknife Airport. The Hay River route accounts for 5.8% of itinerant aircraft movements. Another 5.5% are due to flights to Fort Chipwyan, Alberta. Flights to and from Edmonton are split between Edmonton International Airport, with 4.7%, and Edmonton City Centre Airport, with 2.9%. Ekati diamond mine flights account for 1.6% of arrivals and departures at the Fort Smith Airport. Flights to and from non-designated aerodromes, i.e. to lakes without a waterdrome or off-airport strips, account for 42.5% of arrivals and departures.

The table on the right provides further details on Fort Smith Airport routes.

2003 Route Analysis for Fort Smith Airport

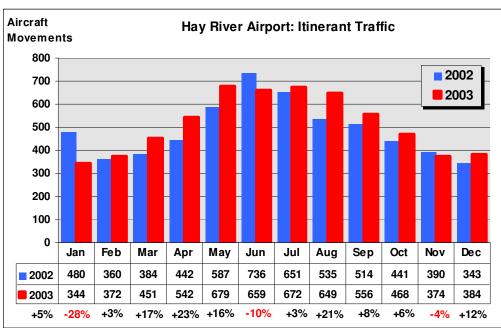


| To/From | Jan | Feb | Mar | Apr | May | Jun | Jul | Aug | Sep | Oct | Nov | Dec | Total | Share |
|---------------------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-------|--------|
| Non-design. aerodromes | 157 | 165 | 266 | 200 | 389 | 474 | 347 | 364 | 363 | 114 | 129 | 135 | 3,103 | 42.4% |
| Yellowknife | 127 | 121 | 141 | 137 | 168 | 171 | 179 | 153 | 141 | 144 | 132 | 120 | 1,734 | 23.7% |
| Hay River | 46 | 35 | 46 | 43 | 45 | 49 | 57 | 42 | 24 | 15 | 4 | 16 | 422 | 5.8% |
| Fort | 6 | 10 | 23 | 41 | 30 | 64 | 62 | 55 | 37 | 22 | 40 | 11 | 401 | 5.5% |
| Edmonton International | 24 | 18 | 19 | 19 | 19 | 21 | 18 | 19 | 34 | 51 | 51 | 51 | 344 | 4.7% |
| Lutselk'e | 26 | 24 | 20 | 16 | 14 | 27 | 22 | 14 | 14 | 28 | 12 | 10 | 227 | 3.1% |
| Edmonton City Centre | 3 | 8 | 1 | 2 | 34 | 46 | 44 | 40 | 24 | | 6 | 1 | 209 | 2.9% |
| Fort McMurray | 16 | 15 | 21 | 14 | 18 | 25 | 28 | 15 | 9 | 6 | 6 | 5 | 178 | 2.4% |
| Fort Resolution | 6 | 10 | 6 | 6 | 10 | 20 | 15 | 8 | 19 | 12 | 6 | 13 | 131 | 1.8% |
| Ekati | 11 | 10 | 9 | 10 | 9 | 7 | 12 | 6 | 8 | 11 | 8 | 17 | 118 | 1.6% |
| Uranium City | 6 | 10 | 6 | 6 | 10 | 10 | 14 | 3 | 5 | 11 | 2 | 7 | 90 | 1.2% |
| Other | 11 | 17 | 23 | 26 | 44 | 50 | 54 | 48 | 31 | 24 | 23 | 14 | 365 | 5.0% |
| · | 439 | 443 | 581 | 520 | 790 | 964 | 852 | 767 | 709 | 438 | 419 | 400 | 7,322 | 100.0% |

Hay River Airport

Hay River Airport has one asphalt $(6000' \times 150')$ and one asphalt/gravel $(4000' \times 150', 3000')$ gravel and 1000' asphalt) runway. It also has a Community Aerodrome Radio Station.





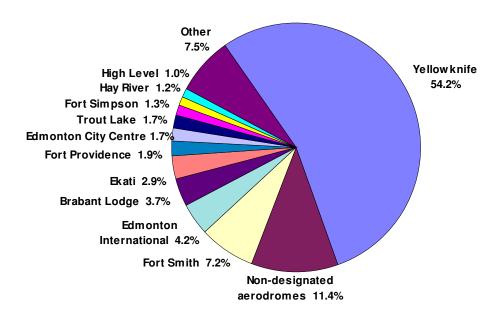
2003 Itinerant Traffic

In 2003, total aircraft arrivals and departures at Hay River Airport increased overall by 6% when compared with the previous year.

The majority, or 54.2%, of Hay River Airport arrivals and departures in 2003 were Yellowknife flights. Flights to larger community airports follow, with Fort Smith Airport accounting for 7.2% and Fort Simpson Airport accounting for 1.3% of arrivals and departures. Flights to and from Edmonton are split between Edmonton International Airport, with 4.2%, and Edmonton City Centre Airport, with 1.7%. Ekati diamond mine flights account for 2.9% of arrivals and departures at the Hay River Airport. Of particular note is the Brabant Lodge flight route, which makes up 3.7% of arrival and departures at the airport. Flights to non-designated aerodromes, i.e. to lakes without a waterdrome or into offairport strips, account for 11.4% of arrivals and departures.

The table on the right provides further details on Hay River Airport routes.

2003 Route Analysis for Hay River Airport

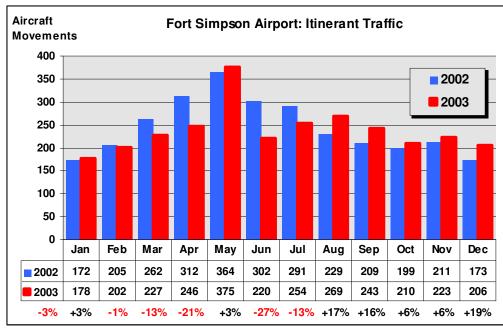


| To/From | Jan | Feb | Mar | Apr | May | Jun | Jul | Aug | Sep | Oct | Nov | Dec | Total | Part |
|---------------------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-------|--------|
| Yellowknife | 217 | 260 | 273 | 300 | 351 | 312 | 263 | 269 | 289 | 314 | 233 | 255 | 3,336 | 54.2% |
| Non-design. aerodromes | 16 | 14 | 38 | 68 | 91 | 109 | 109 | 124 | 73 | 23 | 17 | 20 | 702 | 11.4% |
| Fort Smith | 47 | 24 | 41 | 41 | 48 | 57 | 55 | 45 | 33 | 19 | 10 | 22 | 442 | 7.2% |
| Edmonton International | 17 | 18 | 19 | 20 | 18 | 24 | 21 | 20 | 23 | 29 | 23 | 25 | 257 | 4.2% |
| Brabant Lodge | | | | | 17 | 54 | 58 | 60 | 36 | | | | 225 | 3.7% |
| Ekati | 18 | 10 | 17 | 34 | 38 | 8 | 11 | 8 | 7 | 10 | 10 | 10 | 181 | 2.9% |
| Fort Providence | 3 | 5 | | 26 | 41 | 6 | 8 | 10 | 7 | 2 | 6 | 1 | 115 | 1.9% |
| Edmonton City Centre | 8 | 9 | 12 | 12 | 10 | 9 | 8 | 11 | 4 | 12 | 4 | 7 | 106 | 1.7% |
| Trout Lake | 1 | | 2 | | 6 | 10 | 31 | 10 | 24 | 9 | 10 | 1 | 104 | 1.7% |
| Fort Simpson | | | 4 | 6 | 18 | 10 | 7 | 10 | 3 | 8 | 9 | 7 | 82 | 1.3% |
| Hay River | | 2 | 1 | 6 | 2 | 2 | 4 | 3 | 6 | 7 | 27 | 16 | 76 | 1.2% |
| High Level | 1 | | 7 | 5 | 3 | 6 | 8 | 9 | 11 | 4 | 2 | 4 | 60 | 1.0% |
| Other | 16 | 30 | 37 | 24 | 36 | 52 | 89 | 70 | 40 | 31 | 23 | 16 | 464 | 7.5% |
| | 344 | 372 | 451 | 542 | 679 | 659 | 672 | 649 | 556 | 468 | 374 | 384 | 6,150 | 100.0% |

Fort Simpson Airport

Fort Simpson Airport has an asphalt runway (6000') and a Community Aerodrome Radio Station. The community of Fort Simpson is also served by a smaller, private airport, Fort Simpson Island Airstrip, which is operated on land leased from the Village of Fort Simpson. The statistics presented here are only for the larger GNWT owned and operated airport.





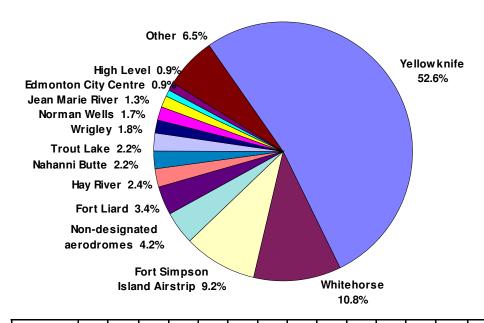
2003 Itinerant Traffic

In 2003, total aircraft arrivals and departures at Fort Simpson Airport decreased overall by 3% when compared with the same period the previous year.

Yellowknife flights comprised the majority, or 52.6%, of Fort Simpson Airport arrivals and departures in 2003. Whitehorse, Yukon, flights account for 10.8%. Flights to and from the Fort Simpson Island Airport account for 9.2% of the total traffic. The Hav River route accounts for 2.4% of arrivals and departures and the regional hub route to Norman Wells accounts for 1.7%. Flights to the surrounding smaller community airports account for a considerable number of movements: Fort Liard for 3.4%, Nahanni Butte and Trout Lake airports for 2.2% each, Wrigley Airport for 1.8% and Jean Marie River Airport for 1.3%. Edmonton flights are almost exclusively to Edmonton City Centre Airport, which accounts for 0.9% of itinerant movements. Flights to non-designated aerodromes, i.e. to lakes without a waterdrome or into off-airport strips, account for 4.2% of arrivals and departures.

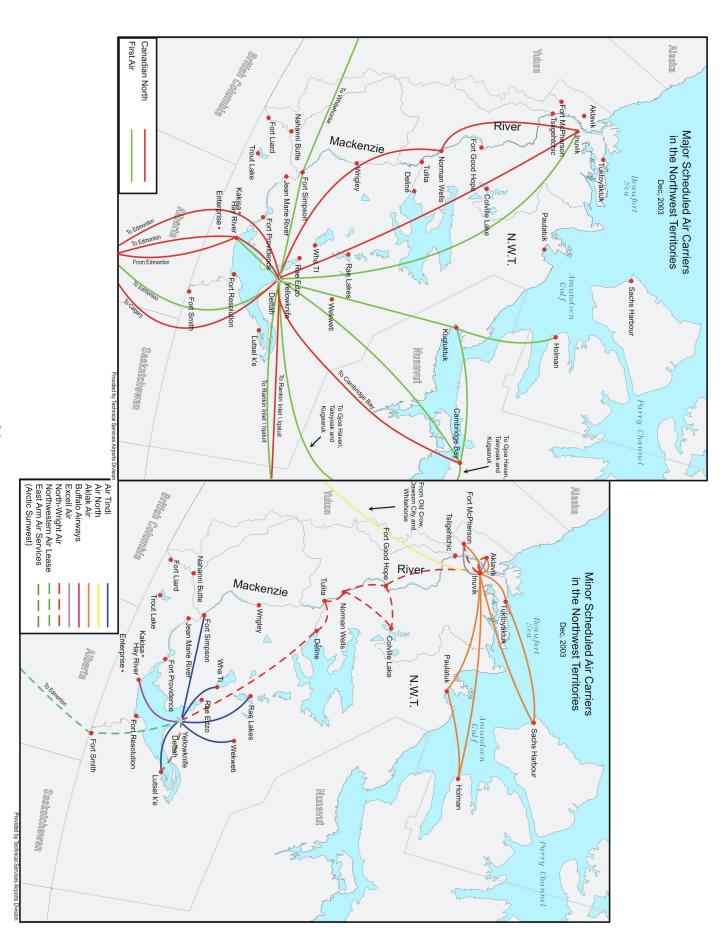
The table on the right provides further details on Fort Simpson Airport routes.

2003 Route Analysis for Fort Simpson Airport



| To/From | Jan | Feb | Mar | Apr | May | Jun | Jul | Aug | Sep | Oct | Nov | Dec | Total | Share |
|------------------------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-------|--------|
| Yellowknife | 102 | 112 | 134 | 124 | 141 | 115 | 143 | 140 | 136 | 128 | 112 | 114 | 1,501 | 52.6% |
| Whitehorse | 24 | 25 | 28 | 27 | 27 | 25 | 26 | 27 | 24 | 29 | 23 | 23 | 308 | 10.8% |
| Fort Simpson Island Airstrip | 13 | 20 | 12 | 30 | 38 | 18 | 32 | 29 | 16 | 11 | 21 | 22 | 262 | 9.2% |
| Fort Liard | 6 | 7 | 10 | 8 | 27 | 7 | 3 | 5 | 4 | 6 | 6 | 8 | 97 | 3.4% |
| Hay River | | 1 | 2 | 2 | 19 | 11 | 6 | 6 | 3 | 9 | 4 | 5 | 68 | 2.4% |
| Nahanni Butte | 6 | 5 | 6 | 4 | 9 | 3 | 6 | 4 | 8 | 2 | 3 | 6 | 62 | 2.2% |
| Trout Lake | 3 | 5 | 5 | 1 | 11 | 4 | 6 | 9 | 5 | 2 | 5 | 6 | 62 | 2.2% |
| Wrigley | 3 | 4 | | 2 | 16 | 3 | 2 | 5 | 3 | 1 | 7 | 4 | 50 | 1.8% |
| Norman Wells | 2 | 1 | 2 | 3 | 5 | 5 | 11 | 6 | 10 | 3 | | 1 | 49 | 1.7% |
| Jean Marie River | | | 3 | 2 | 23 | 1 | 2 | | 2 | 2 | 2 | | 37 | 1.3% |
| Edmonton City Centre | 5 | 4 | 6 | 3 | 2 | 1 | 2 | 1 | 2 | | | 1 | 27 | 0.9% |
| High Level | | 1 | 1 | 1 | 4 | 1 | 2 | 5 | 7 | 2 | 2 | | 26 | 0.9% |
| Non-design. aerodromes | 1 | | | 15 | 31 | 17 | 3 | 8 | 10 | 6 | 20 | 8 | 119 | 4.2% |
| Other | 13 | 17 | 18 | 24 | 22 | 9 | 10 | 24 | 13 | 9 | 18 | 8 | 185 | 6.5% |
| | 178 | 202 | 227 | 246 | 375 | 220 | 254 | 269 | 243 | 210 | 223 | 206 | 2,853 | 100.0% |

At a Glance: Scheduled Air Routes



2003 Itinerant Airport Traffic at the Six Largest GNWT Airports

| Airport | Jan | Feb | Mar | Apr | May | Jun | Jul | Aug | Sep | Oct | Nov | Dec | Total | Change from 2002 |
|--------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|--------|---------------------|
| Yellowknife | 2,652 | 2,686 | 3,107 | 3,501 | 4,118 | 3,888 | 4,099 | 3,773 | 3,340 | 3,576 | 2,940 | 2,868 | 40,548 | 8% |
| Inuvik | 731 | 729 | 875 | 988 | 1,292 | 2,042 | 2,696 | 1,949 | 1,361 | 1,058 | 1,157 | 771 | 15,649 | -6% |
| Norman | 739 | 709 | 752 | 823 | 1,072 | 1,239 | 2,505 | 2,076 | 1,372 | 990 | 870 | 931 | 14,078 | 22% |
| Fort Smith | 439 | 443 | 581 | 520 | 790 | 964 | 852 | 767 | 709 | 438 | 419 | 400 | 7,322 | 11% |
| Hay River | 344 | 372 | 451 | 542 | 679 | 659 | 672 | 649 | 556 | 468 | 374 | 384 | 6,150 | 5% |
| Fort Simpson | 178 | 202 | 227 | 246 | 375 | 220 | 254 | 269 | 243 | 210 | 223 | 206 | 2,853 | -3% |
| | 5,083 | 5,141 | 5,993 | 6,620 | 8,326 | 9,012 | 11,07 | 9,483 | 7,581 | 6,740 | 5,983 | 5,560 | 86,600 | 7% |

2002 Itinerant Airport Traffic at the Six Largest GNWT Airports

| Airport | Jan | Feb | Mar | Apr | May | Jun | Jul | Aug | Sep | Oct | Nov | Dec | Total |
|--------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|--------|
| Yellowknife | 2,779 | 2,577 | 3,063 | 2,966 | 3,198 | 3,780 | 4,213 | 3,553 | 3,275 | 2,997 | 2,688 | 2,548 | 37,637 |
| Inuvik | 829 | 848 | 844 | 1,143 | 1,505 | 1,961 | 2,405 | 2,425 | 1,752 | 1,207 | 967 | 717 | 16,603 |
| Norman Wells | 630 | 582 | 707 | 733 | 1,064 | 1,202 | 1,355 | 1,572 | 1,193 | 900 | 868 | 767 | 11,573 |
| Fort Smith | 346 | 360 | 539 | 436 | 682 | 887 | 799 | 659 | 617 | 500 | 395 | 371 | 6,591 |
| Hay River | 480 | 360 | 384 | 442 | 587 | 736 | 651 | 535 | 514 | 441 | 390 | 343 | 5,863 |
| Fort Simpson | 172 | 205 | 262 | 312 | 364 | 302 | 291 | 229 | 209 | 199 | 211 | 173 | 2,929 |
| | 5,236 | 4,932 | 5,799 | 6,032 | 7,400 | 8,868 | 9,714 | 8,973 | 7,560 | 6,244 | 5,519 | 4,919 | 81,196 |