

Aerodrome Detail Report - TC 2015 - 2017

CYOW - Macdonald-Cartier International Airport

Legal Name:	Macdonald-Cartier International Airport
Name:	OTTAWA / MACDONALD-CARTIER INTL ON (CYOW)
Type:	Land
Status:	Certified
Owner:	TRANSPORT CANADA
Operator:	OTTAWA MACDONALD-CARTIER INTERNATIONAL AIRPORT AUTHORITY
City:	OTTAWA, Ontario, Canada
Longitude:	75°40'02"W
Latitude:	45°19'21"N
# of Runways:	3

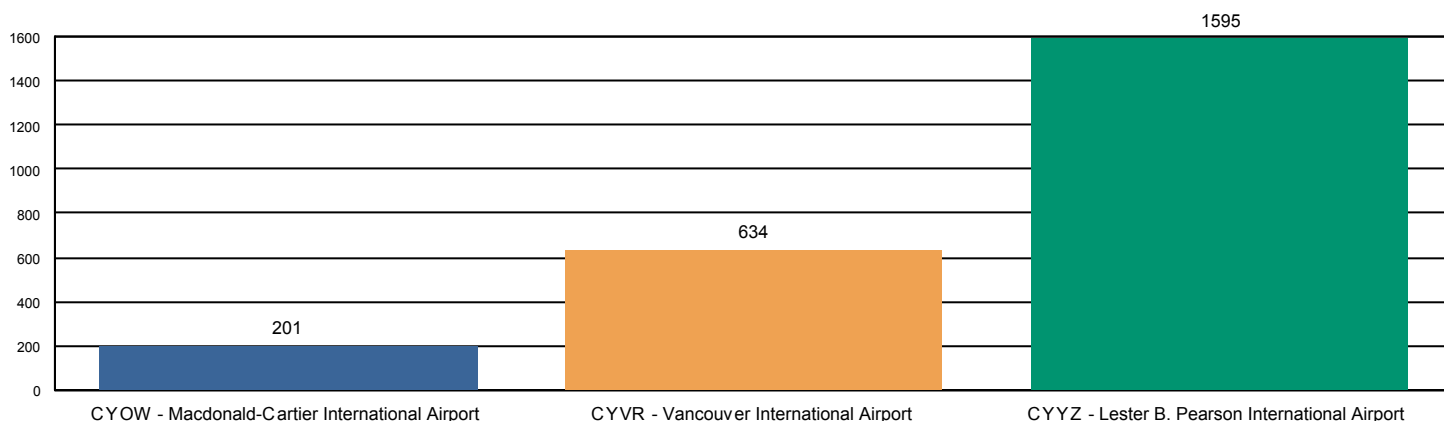
CYVR - Vancouver International Airport

Legal Name:	Vancouver International Airport
Name:	VANCOUVER INTL BC (CYVR)
Type:	Land
Status:	Certified
Owner:	VANCOUVER INTERNATIONAL AIRPORT AUTHORITY
Operator:	VANCOUVER INTERNATIONAL AIRPORT AUTHORITY
City:	RICHMOND, British Columbia, Canada
Longitude:	123°11'02"W
Latitude:	49°11'41"N
# of Runways:	4

CYYZ - Lester B. Pearson International Airport

Legal Name:	Lester B. Pearson International Airport
Name:	TORONTO / LESTER B. PEARSON INTL ON (CYYZ)
Type:	Land
Status:	Certified
Owner:	GREATER TORONTO AIRPORT AUTHORITY
Operator:	GREATER TORONTO AIRPORTS AUTHORITY
City:	MISSISSAUGA, Ontario, Canada
Longitude:	79°37'50"W
Latitude:	43°40'36"N
# of Runways:	5

Number of Occurrences - 2015



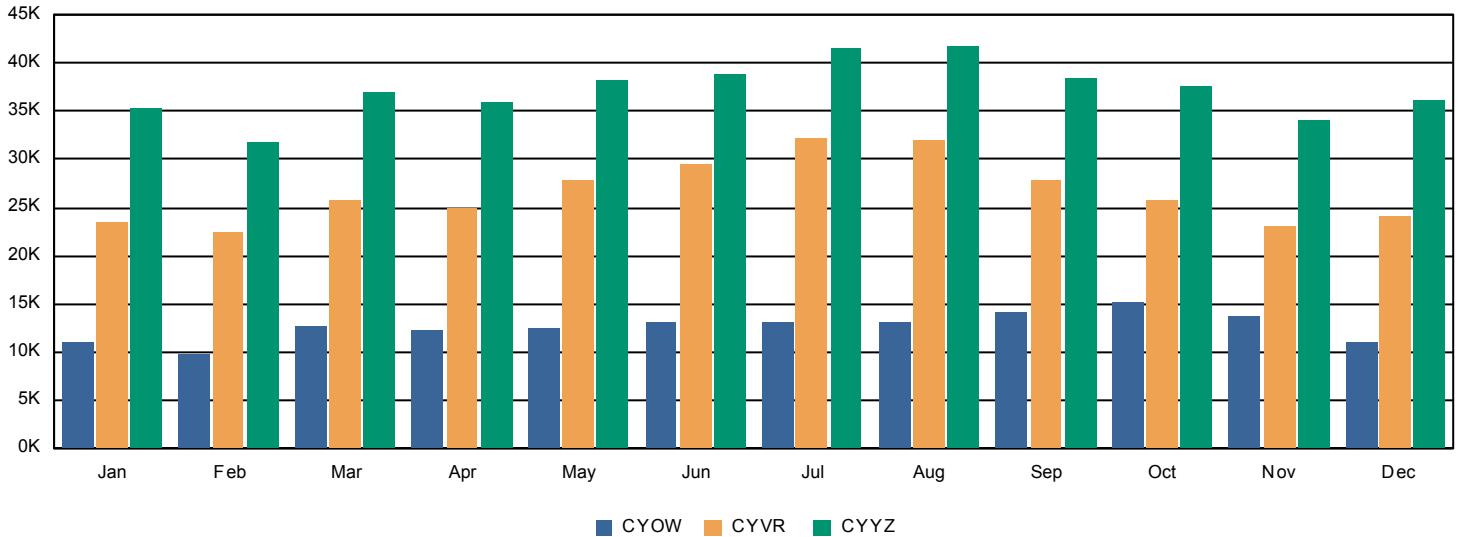
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2015 - 2017

2015

CYVR - Vancouver International Airport
 CYYZ - Lester B. Pearson International Airport
 CYOW - Macdonald-Cartier International Airport

Number of Movements



	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Total
CYOW	10970	9787	12740	12259	12491	13091	13032	13073	14238	15118	13775	11114	151688
CYVR	23490	22430	25675	24907	27769	29423	32245	31899	27826	25721	23099	24175	318659
CYYZ	35216	31832	36926	36003	38107	38797	41416	41762	38382	37476	34111	36182	446210

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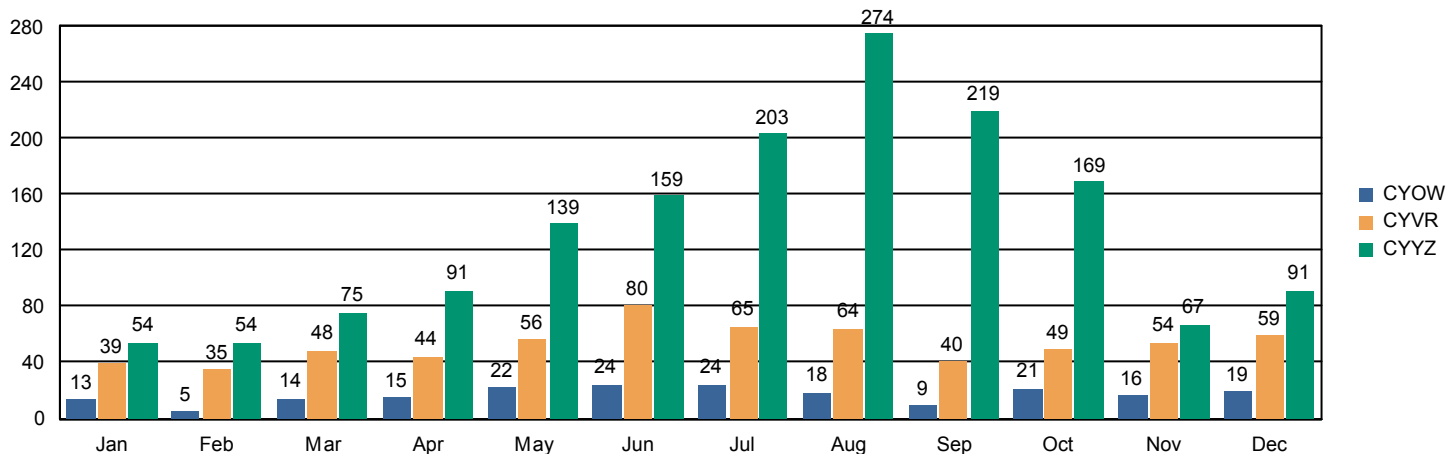
2015

CYVR - Vancouver International Airport
 CYYZ - Lester B. Pearson International Airport
 CYOW - Macdonald-Cartier International Airport

Number of Accidents



Number of Incidents

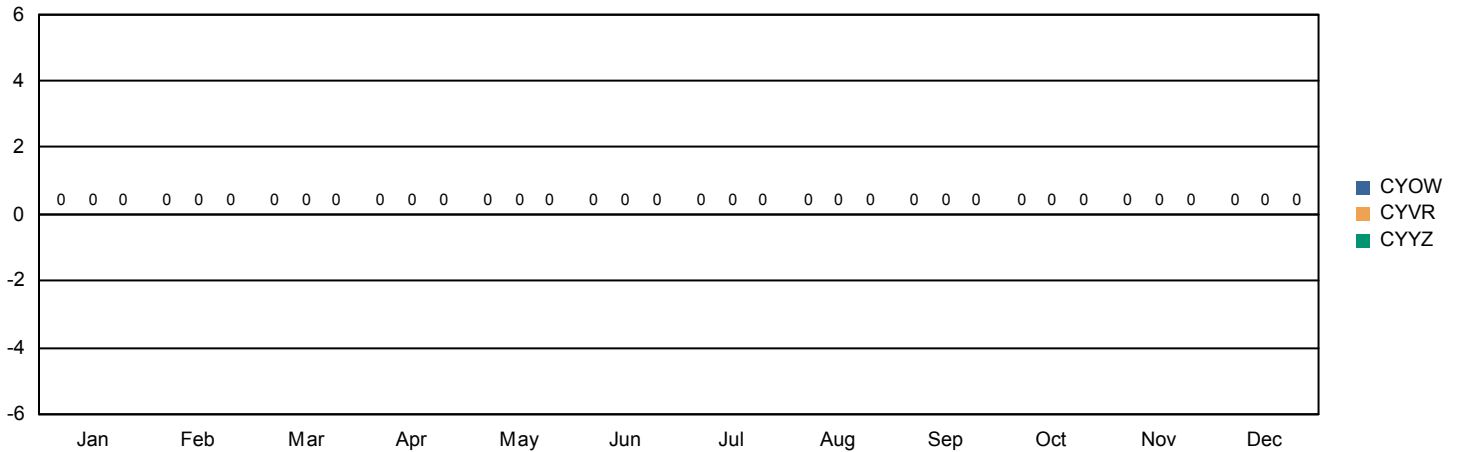


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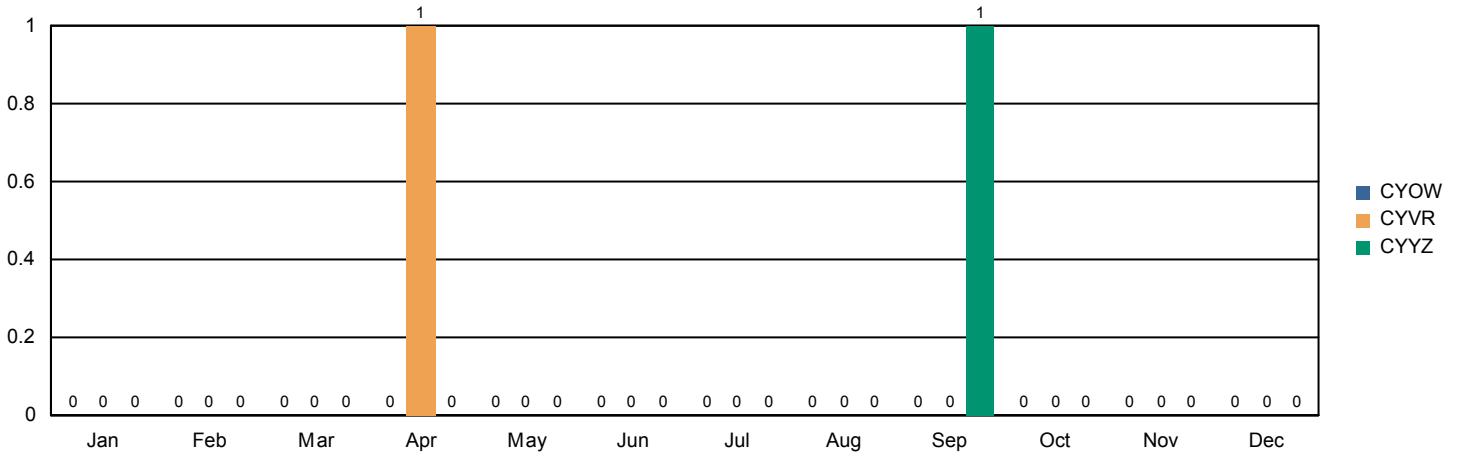
2015

CYVR - Vancouver International Airport
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Number of Fatalities



Number of Injuries

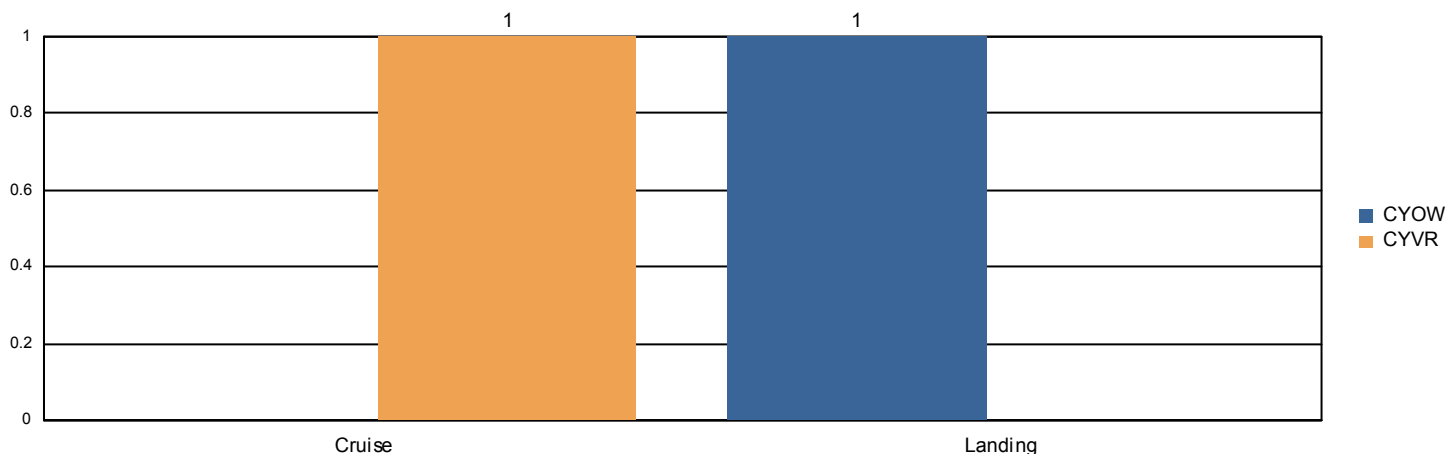


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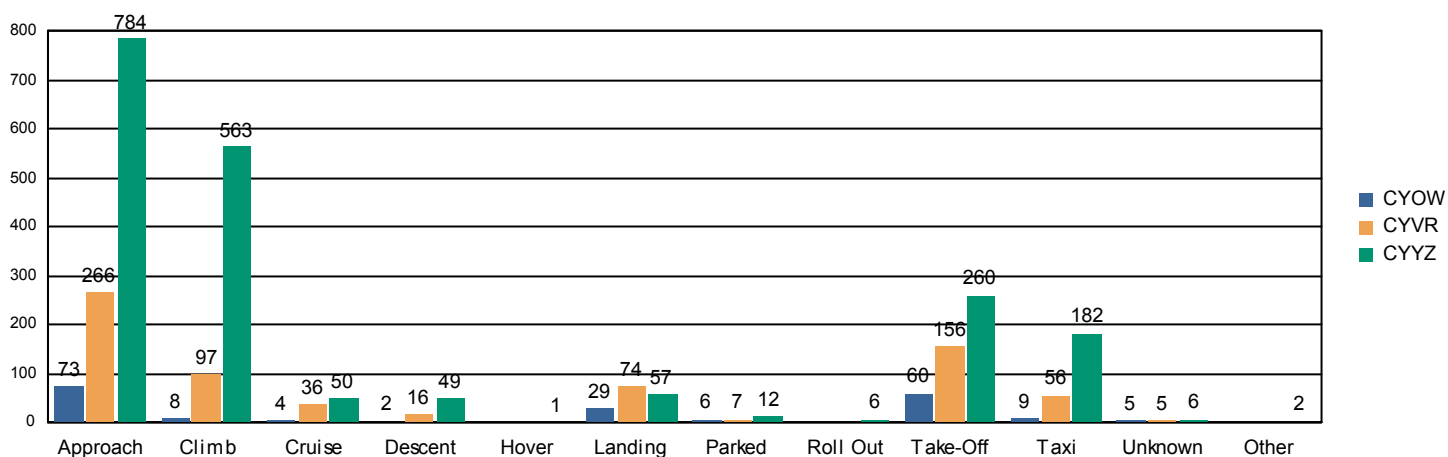
2015

CYVR - Vancouver International Airport
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Number of Aircraft Involved in Accidents by Phase Category



Number of Aircraft Involved in Incidents by Phase Category



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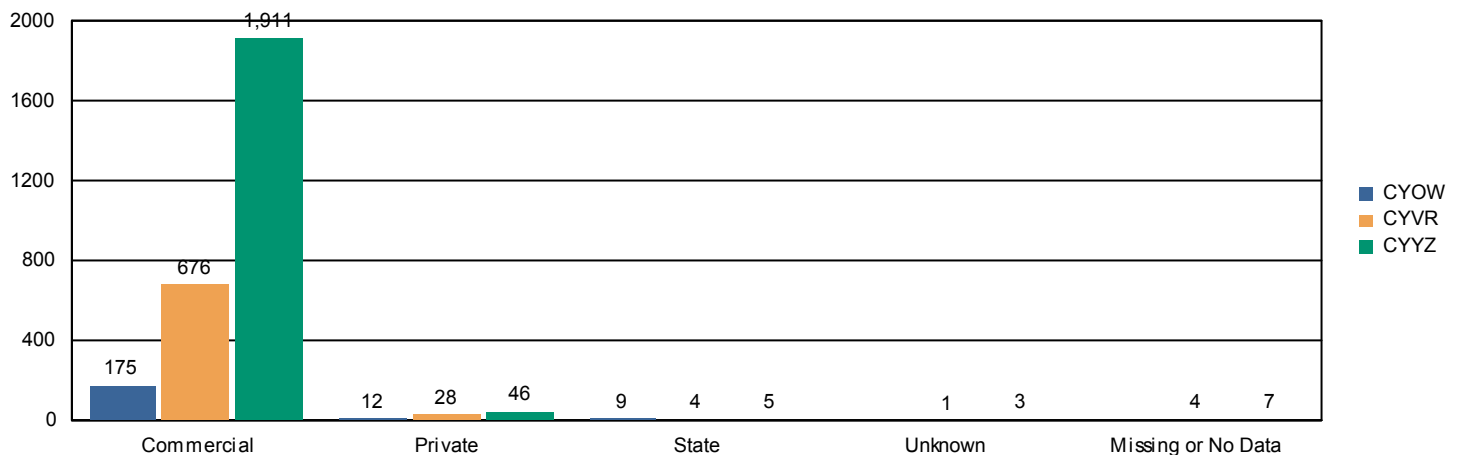
2015

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Number of Aircraft Involved in Accidents by Registration Type



Number of Aircraft Involved in Incidents by Registration Type

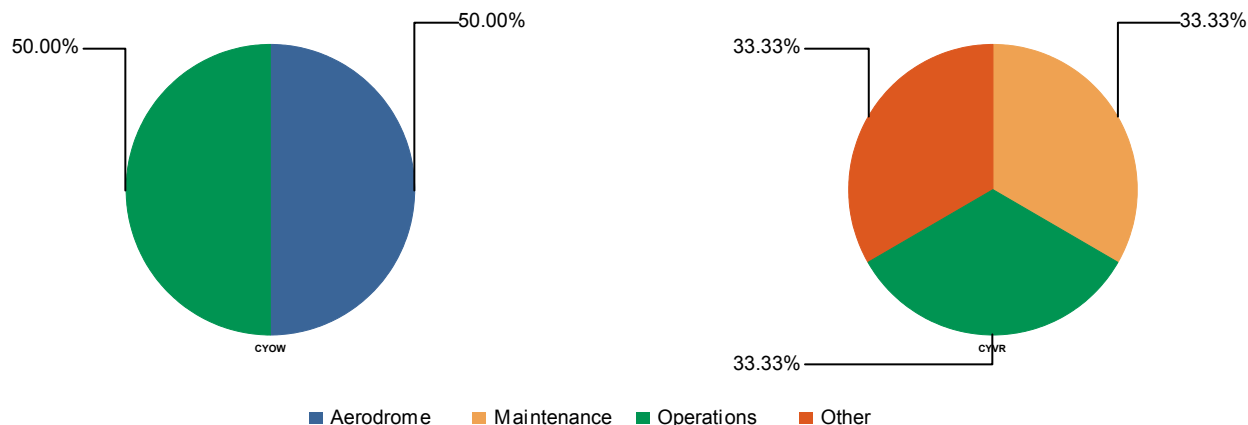


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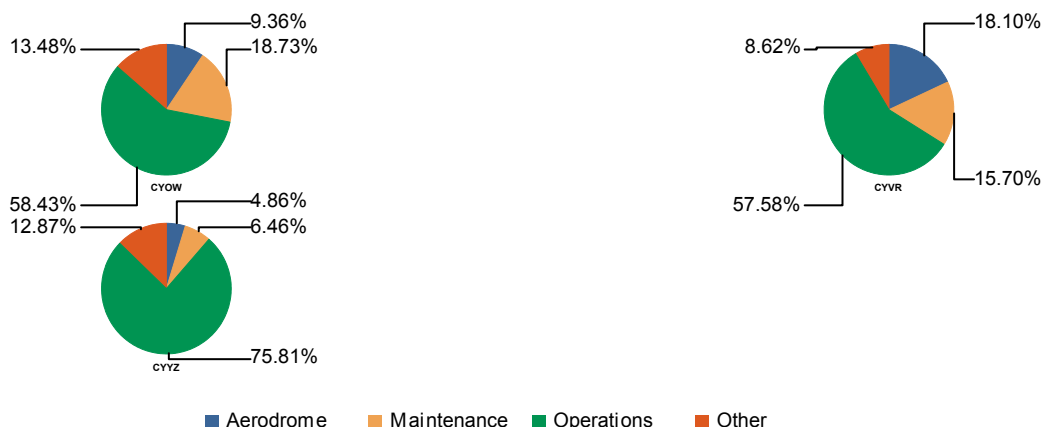
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Event Categories attributed to Accidents



Event Categories attributed to Incidents





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2015

CYVR - Vancouver International Airport
CYYZ - Lester B. Pearson International Airport
CYOW - Macdonald-Cartier International Airport

Number of Events attributed to Accidents

		Jan	Apr	Total
Aerodrome, runway or taxiway shutdown	CYOW	1	0	1
Collision with object	CYVR	0	1	1
Engine failure	CYVR	0	1	1
Forced landing	CYVR	0	1	1
Hard landing	CYVR	0	1	1
Loss of control - on ground	CYOW	1	0	1
Rejected take-off	CYOW	1	0	1
Runway excursion	CYOW	1	0	1
Weather - clear air turbulence (CAT)/turbulence	CYVR	0	1	1
Wing strike	CYVR	0	1	1

Number of Events attributed to Incidents

		Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Total
Aerodrome - operations	CYOW	0	0	0	0	0	0	0	0	0	1	0	0	1
Aerodrome - other	CYOW	0	1	0	0	1	0	0	0	0	0	0	0	2
	CYVR	0	0	0	0	0	0	2	0	0	0	0	0	2
	CYYZ	0	0	0	0	1	0	0	1	0	1	1	0	4

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		Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Total
Aerodrome - power failure	CYVR	2	0	0	1	0	0	0	0	0	0	0	0	3
Aerodrome - runway or taxiway surface condition	CYVR	0	0	0	0	0	0	0	0	1	2	2	1	6
	CYYZ	1	0	1	0	0	1	0	0	1	1	1	1	7
Aerodrome - visual aids	CYOW	0	0	0	0	0	0	0	1	0	0	0	0	1
	CYVR	2	0	0	0	0	0	0	0	0	0	0	0	2
Aerodrome noise	CYOW	0	0	0	0	0	1	0	0	0	0	0	0	1
	CYVR	0	0	0	0	1	0	0	0	0	0	0	0	1
	CYYZ	0	0	0	0	0	0	0	0	1	0	0	0	1
Aerodrome, runway or taxiway shutdown	CYOW	0	1	1	2	2	2	3	1	1	2	1	0	16
	CYVR	10	8	12	8	3	12	12	16	7	11	12	19	130
	CYYZ	3	2	4	2	2	9	7	6	2	6	2	6	51
Aircraft navigation/communication equipment	CYOW	0	0	1	0	0	0	1	0	0	1	0	2	5
	CYVR	1	3	0	0	0	0	0	0	0	1	1	0	6
	CYYZ	0	0	0	0	1	1	0	1	1	1	0	0	5
Airframe failure	CYOW	0	0	0	0	0	1	0	0	0	0	0	0	1
Airspeed Limitations - Deviation from CARs	CYVR	0	0	0	0	17	12	17	6	2	1	0	0	55
	CYYZ	0	0	0	2	26	45	102	108	96	95	13	0	487
Animal strike (or risk of collision with animal)	CYOW	0	0	0	1	0	1	0	0	0	2	0	0	4
	CYVR	1	0	0	0	0	2	0	0	0	0	1	0	4



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		Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Total
Animal strike (or risk of collision with animal)	CYYZ	1	0	0	0	0	0	1	0	0	0	0	0	2
ATM - ILS irregularity	CYVR	0	0	1	1	0	0	1	0	1	1	2	0	7
	CYYZ	0	0	0	0	1	0	0	0	0	0	1	0	2
ATM - inaccurate aeronautical information	CYOW	0	0	0	1	0	0	0	0	0	0	0	0	1
	CYVR	0	0	1	0	0	0	0	0	0	0	1	1	3
ATM - NAVAIDS/radar	CYOW	0	0	0	0	0	0	0	0	0	2	0	1	3
	CYVR	0	0	0	0	1	0	0	0	0	0	0	0	1
	CYYZ	0	0	0	1	0	0	0	0	0	0	1	0	2
ATM - other	CYVR	0	0	0	0	0	0	0	0	0	0	0	1	1
	CYYZ	0	0	0	0	2	0	0	1	0	0	0	0	3
ATS operating irregularity	CYVR	0	0	0	0	1	0	0	2	1	0	1	0	5
	CYYZ	0	0	1	1	1	0	0	0	0	0	0	0	3
Bird presence	CYVR	0	0	0	0	0	0	0	0	0	0	0	1	1
	CYYZ	0	0	1	0	0	1	0	0	0	0	0	0	2
Bird strike	CYOW	0	0	1	3	3	3	10	1	4	8	2	2	37
	CYVR	5	6	10	5	2	7	11	22	10	14	6	16	114
	CYYZ	0	0	3	1	11	9	9	20	5	7	3	4	72
Blown tire/wheel failure	CYOW	0	0	1	0	2	1	1	0	0	0	0	0	5
	CYVR	1	1	0	1	0	4	0	1	0	1	1	1	11



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Blown tire/wheel failure	CYYZ	0	0	1	0	0	2	1	0	1	2	1	1	9
Brakes - failure	CYYZ	0	0	0	0	0	0	1	0	0	0	0	0	1
Brakes - other	CYOW	0	0	2	0	0	0	0	0	0	0	0	0	2
	CYVR	0	1	0	1	0	0	0	0	0	0	0	0	2
	CYYZ	0	0	1	0	0	0	1	2	0	0	2	0	6
Brakes - overheated	CYYZ	0	0	1	0	0	0	3	1	0	0	0	0	5
Collision on ground with aircraft	CYYZ	0	0	0	0	0	1	0	1	0	0	0	0	2
Collision with object	CYOW	0	0	0	1	0	0	0	0	0	0	0	0	1
Communication error	CYOW	0	0	0	0	0	1	1	0	0	0	0	0	2
	CYVR	2	1	0	1	0	1	0	2	1	1	3	0	12
	CYYZ	0	0	2	3	1	0	2	2	2	0	1	1	14
Communication navigation surveillance/air traffic system	CYOW	0	0	0	0	0	0	0	0	0	0	1	0	1
	CYVR	1	0	0	1	2	2	1	0	2	1	2	0	12
	CYYZ	0	1	0	2	2	1	2	2	3	0	1	2	16
Conflict - IFR & VFR	CYOW	0	0	0	0	0	2	0	0	0	0	0	0	2
	CYVR	0	0	0	0	0	4	0	0	0	0	0	0	4
	CYYZ	0	0	0	0	0	0	0	2	0	2	0	0	4
Conflict - loss of separation	CYVR	2	0	6	2	6	2	2	2	2	0	2	2	28
	CYYZ	4	0	2	2	4	0	5	4	0	0	4	0	25



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		Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Total
Conflict - near collision (VFR or IFR)	CYVR	0	0	0	0	0	0	0	2	0	0	0	0	2
	CYYZ	0	0	0	0	0	0	0	2	0	0	0	0	2
Conflict - potential	CYVR	0	0	0	0	0	4	0	0	0	2	2	0	8
	CYYZ	0	0	2	0	2	4	0	0	0	0	2	4	14
Controlled airspace - unauthorized entry	CYOW	0	0	0	0	0	1	1	0	0	0	0	0	2
	CYVR	0	0	0	1	1	1	0	1	1	0	0	1	6
	CYYZ	0	0	0	2	3	1	1	1	0	0	1	1	10
Crew incapacitation	CYOW	0	0	0	0	1	0	0	0	0	0	0	0	1
	CYVR	1	0	0	0	0	0	0	0	0	0	1	0	2
	CYYZ	0	0	0	0	0	0	0	2	1	0	0	1	4
Dangerous goods/hazardous materials	CYOW	0	0	0	0	1	0	0	0	0	0	0	0	1
	CYYZ	0	0	0	0	0	0	1	0	0	0	0	0	1
Declared emergency/priority	CYOW	0	0	0	0	0	1	0	2	2	1	0	0	6
	CYVR	3	0	2	5	3	3	2	0	1	5	1	4	29
	CYYZ	5	1	6	3	5	9	5	10	5	2	3	9	63
Decompression/pressurization	CYOW	1	0	0	0	0	0	0	0	1	0	0	0	2
	CYVR	1	2	0	1	0	0	0	2	0	0	0	1	7
	CYYZ	0	1	0	0	0	0	0	0	0	0	0	0	1
Disruptive passenger	CYOW	0	0	0	0	0	1	1	0	0	1	0	0	3



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		Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Total
Disruptive passenger	CYVR	0	0	3	2	4	3	2	2	1	0	2	0	19
	CYYZ	1	1	2	4	1	0	4	3	2	4	1	3	26
Diversion	CYOW	1	0	0	0	1	1	0	1	2	1	1	0	8
	CYVR	4	9	8	5	5	4	4	2	2	6	6	11	66
	CYYZ	5	2	2	2	9	4	5	6	4	2	1	8	50
Door/canopy openings indications	CYOW	0	0	1	0	1	0	0	0	0	0	0	0	2
	CYVR	0	0	0	0	0	2	0	0	0	0	0	0	2
	CYYZ	0	0	1	0	0	0	0	0	2	0	0	0	3
Electrical problem	CYVR	1	3	1	0	3	1	0	2	0	0	0	3	14
	CYYZ	0	0	0	1	1	0	1	2	2	0	0	1	8
ELT	CYOW	1	1	0	0	0	1	1	0	0	0	1	1	6
	CYVR	0	1	1	0	0	2	1	0	0	0	0	1	6
	CYYZ	0	0	2	0	0	1	1	2	1	0	0	1	8
Engine - malfunction	CYOW	1	0	0	0	0	0	0	0	0	0	0	1	2
	CYVR	1	1	2	0	2	2	2	0	1	1	3	2	17
	CYYZ	1	0	1	0	0	1	0	2	0	2	0	1	8
Engine failure	CYOW	0	0	0	0	0	1	0	0	0	0	0	0	1
Engine oil problem	CYVR	0	0	2	0	1	0	0	0	0	0	1	0	4
Engine shut down	CYVR	0	0	0	0	0	1	0	0	0	0	0	0	1



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		Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Total
Engine shut down	CYYZ	0	0	0	0	0	1	0	0	1	1	0	0	3
Evacuation (aircraft)	CYVR	0	0	0	0	1	0	0	0	0	1	0	0	2
	CYYZ	0	0	1	0	0	0	1	0	1	0	0	0	3
False indication warning	CYOW	0	0	1	0	0	0	0	0	1	0	0	0	2
	CYVR	1	0	0	0	0	0	0	0	0	1	1	0	3
	CYYZ	0	0	0	0	0	1	0	1	0	0	0	0	2
False warning - smoke or fire	CYVR	0	0	0	0	1	2	0	0	0	0	0	0	3
Fire - aircraft (cockpit, cargo or passenger area)	CYYZ	0	0	0	1	0	0	0	0	0	0	0	0	1
Fire - engine	CYVR	0	0	0	0	0	0	0	0	0	1	0	0	1
Flight control systems (ailerons, rudder, rotors, flaps, main, tail)	CYOW	1	0	0	0	0	0	0	2	0	0	0	0	3
	CYVR	0	1	2	1	1	2	2	0	2	3	2	4	20
	CYYZ	4	0	3	0	1	1	0	3	2	0	1	2	17
Flight instrument failure	CYOW	0	0	0	1	0	0	0	0	0	0	0	0	1
	CYVR	0	0	1	0	0	0	0	0	0	0	0	0	1
	CYYZ	0	0	0	1	0	0	0	0	0	0	0	0	1
Flight plan – activation	CYOW	1	0	0	0	0	1	1	1	0	0	1	0	5
	CYVR	0	0	1	0	0	1	1	0	0	0	0	0	3
	CYYZ	0	0	0	0	0	0	0	1	0	0	0	0	1
FOD (foreign object debris)	CYOW	1	0	0	0	2	3	3	1	0	1	1	0	12



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		Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Total
FOD (foreign object debris)	CYVR	2	1	3	5	1	5	2	1	0	5	3	3	31
	CYYZ	1	0	2	1	6	5	4	8	4	1	2	2	36
Forced landing	CYVR	0	0	0	0	0	0	1	0	0	0	0	0	1
Fuel - dumping	CYYZ	0	0	0	0	0	0	0	0	0	1	0	1	2
Fuel - leak	CYOW	0	0	0	0	0	0	0	0	0	0	0	1	1
	CYYZ	0	0	0	0	0	0	0	1	0	0	1	0	2
Fuel - low/declared minimum	CYOW	0	0	0	0	0	1	0	0	0	0	0	0	1
	CYVR	0	0	0	0	1	0	0	0	0	0	0	0	1
	CYYZ	0	0	0	1	0	1	1	0	0	0	0	0	3
Fuel - other	CYVR	0	0	1	0	0	0	0	0	0	1	0	0	2
	CYYZ	0	0	0	0	0	0	0	1	0	0	0	1	2
Fuel - spill	CYOW	0	0	0	0	1	0	0	0	0	0	0	0	1
	CYYZ	0	0	0	0	0	0	0	1	0	0	0	0	1
GPWS/TAWS alert	CYVR	0	0	0	0	0	0	0	0	0	1	0	0	1
	CYYZ	0	0	0	0	1	0	0	0	0	0	0	0	1
Ground handling services	CYYZ	0	0	0	0	0	1	0	0	0	1	0	0	2
Hydraulic problem	CYOW	0	0	0	0	0	1	0	0	1	0	0	0	2
	CYVR	2	0	1	1	0	0	0	0	0	2	0	3	9
	CYYZ	2	1	2	0	1	2	2	0	1	1	1	2	15



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		Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Total
IFR operations below minimum	CYOW	0	0	0	0	0	0	0	6	0	0	0	0	6
Incursion - manoeuvring area	CYVR	1	0	1	0	1	1	0	1	1	0	1	1	8
	CYYZ	0	0	1	1	1	0	0	3	2	1	2	0	11
Incursion - runway - aircraft	CYOW	0	0	0	1	0	0	0	0	0	0	0	0	1
	CYVR	0	0	0	0	0	1	0	1	0	0	1	0	3
	CYYZ	1	2	0	0	1	2	1	3	2	0	1	1	14
Incursion - runway - animal	CYOW	0	0	0	0	0	2	0	0	0	2	0	0	4
	CYVR	2	2	5	0	0	3	0	0	1	0	3	0	16
	CYYZ	2	0	0	0	1	1	0	0	0	0	0	1	5
Incursion - runway - vehicle	CYOW	0	0	1	0	1	0	0	0	0	0	0	0	2
	CYVR	0	0	0	0	0	0	1	0	0	0	1	0	2
	CYYZ	0	0	0	0	0	0	0	0	0	1	1	1	3
Landing gear	CYOW	1	0	0	2	1	0	0	0	1	1	2	1	9
	CYVR	3	3	3	3	2	2	2	4	1	6	2	7	38
	CYYZ	0	2	1	3	3	4	1	4	3	1	1	7	30
Laser interference	CYOW	0	0	1	0	2	0	0	1	0	0	0	0	4
	CYVR	1	3	0	5	1	2	0	6	1	0	2	2	23
	CYYZ	4	4	13	15	12	9	9	15	12	8	10	5	116
Loss of control - inflight	CYVR	0	0	1	1	0	0	0	0	0	1	0	0	3



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		Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Total
Loss of control - on ground	CYYZ	0	0	0	0	0	0	0	0	1	0	0	0	1
Mechanical/technical malfunction of aircraft - other	CYOW	0	1	2	1	1	0	1	2	0	0	1	3	12
	CYVR	1	1	0	1	0	0	3	1	1	0	0	3	11
	CYYZ	1	0	0	1	2	0	0	1	0	0	0	0	5
Medical emergency	CYOW	0	0	0	1	0	1	2	1	1	0	0	0	6
	CYVR	0	0	0	1	0	0	1	0	0	0	0	0	2
	CYYZ	5	3	3	7	4	4	2	4	9	1	1	2	45
Navigation error	CYOW	3	0	1	0	2	1	3	0	0	3	1	1	15
	CYVR	4	1	3	3	4	8	2	2	0	5	4	4	40
	CYYZ	2	8	8	5	5	9	3	33	24	4	8	6	115
Not Applicable	CYOW	0	0	0	0	0	0	0	0	0	0	0	0	0
	CYVR	0	0	0	0	0	0	0	0	0	0	0	0	0
	CYYZ	0	0	0	0	0	0	0	0	0	0	0	0	0
Other operational incident	CYOW	0	0	0	0	0	0	0	0	0	0	0	1	1
	CYVR	1	0	0	0	2	0	0	0	0	0	1	0	4
	CYYZ	0	0	1	0	2	2	2	0	1	0	1	3	12
Overshoot/missed approach	CYOW	2	2	4	4	5	7	2	4	1	3	9	8	51
	CYVR	14	9	14	7	10	13	11	13	10	16	17	13	147
	CYYZ	27	33	35	41	49	58	49	50	30	27	19	45	463



Aerodrome Detail Report - TC

2015 - 2017

		Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Total
Part or pieces separate from an aircraft	CYVR	0	0	0	0	0	0	0	0	0	1	0	0	1
	CYYZ	0	0	0	0	0	0	0	0	0	0	0	1	1
Propeller/rotor strike	CYYZ	0	0	0	0	0	1	0	0	0	0	0	0	1
Rejected take-off	CYOW	2	1	4	2	0	0	2	2	0	0	0	3	16
	CYVR	1	0	2	0	1	0	0	1	1	0	1	0	7
	CYYZ	0	0	2	1	3	0	0	0	0	2	0	1	9
Security acts	CYOW	0	0	0	0	0	0	0	0	0	1	0	0	1
	CYVR	0	0	0	0	0	0	1	0	0	0	0	0	1
	CYYZ	0	1	0	1	0	1	0	1	0	0	0	0	4
Smoke/fumes - aircraft	CYOW	0	0	0	0	0	0	0	0	0	0	0	1	1
	CYVR	0	1	0	1	1	0	0	0	0	2	0	0	5
	CYYZ	0	1	1	1	1	0	1	2	1	0	1	2	11
Tail strike	CYYZ	0	0	0	0	0	0	0	1	0	0	0	0	1
Take-off without clearance	CYVR	1	0	0	0	0	0	0	0	0	0	0	0	1
TCAS alert	CYOW	0	0	0	0	2	2	0	0	0	0	0	0	4
	CYVR	1	0	0	0	1	9	3	1	6	1	0	1	23
	CYYZ	1	0	3	2	1	1	4	4	2	4	1	3	26
Wake turbulence/vortices	CYVR	1	0	1	6	2	4	4	0	1	2	1	1	23
	CYYZ	7	3	2	4	10	6	7	13	18	10	1	3	84



FOR EXAMPLE - CANADA

Date Produced: 2018-10-16

Time Produced: 9:46:51AM

Aerodrome Detail Report - TC 2015 - 2017

		Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Total
Weather - clear air turbulence (CAT)/turbulence	CYVR	0	0	0	0	0	0	0	0	0	1	0	0	1
	CYYZ	0	0	0	0	0	0	0	0	0	0	0	1	1
Weather - icing	CYOW	1	0	0	0	0	0	0	0	0	0	0	0	1
	CYVR	0	0	1	0	0	0	0	0	0	1	1	0	3
Weather - lightning	CYVR	0	0	0	0	1	0	0	0	1	0	0	0	2
	CYYZ	0	0	0	0	0	0	0	0	0	1	0	0	1
Weather - wind	CYOW	1	0	0	2	0	1	0	0	0	0	0	1	5
	CYVR	0	0	0	0	0	1	0	0	0	1	0	4	6
	CYYZ	1	0	0	1	0	1	0	1	0	1	0	1	6
Weather - wind shear	CYOW	0	0	2	1	0	2	0	1	0	0	0	1	7
	CYVR	0	0	1	0	0	0	0	0	0	0	0	0	1
	CYYZ	0	0	0	9	2	0	1	0	0	3	2	1	18
Weather balloon, meteor, rocket, CIRVIS/UFO	CYYZ	0	1	0	0	0	0	0	1	0	0	0	0	2
Windshield/window (aircraft)	CYVR	0	1	1	0	0	0	0	0	0	0	2	0	4
	CYYZ	0	0	0	0	0	0	1	0	0	0	0	0	1
Wing strike	CYYZ	0	0	0	0	1	1	0	0	0	0	0	0	2

Aerodrome Detail Report - TC 2015 - 2017

CYOW - Macdonald-Cartier International Airport

Legal Name:	Macdonald-Cartier International Airport
Name:	OTTAWA / MACDONALD-CARTIER INTL ON (CYOW)
Type:	Land
Status:	Certified
Owner:	TRANSPORT CANADA
Operator:	OTTAWA MACDONALD-CARTIER INTERNATIONAL AIRPORT AUTHORITY
City:	OTTAWA, Ontario, Canada
Longitude:	75°40'02"W
Latitude:	45°19'21"N
# of Runways:	3

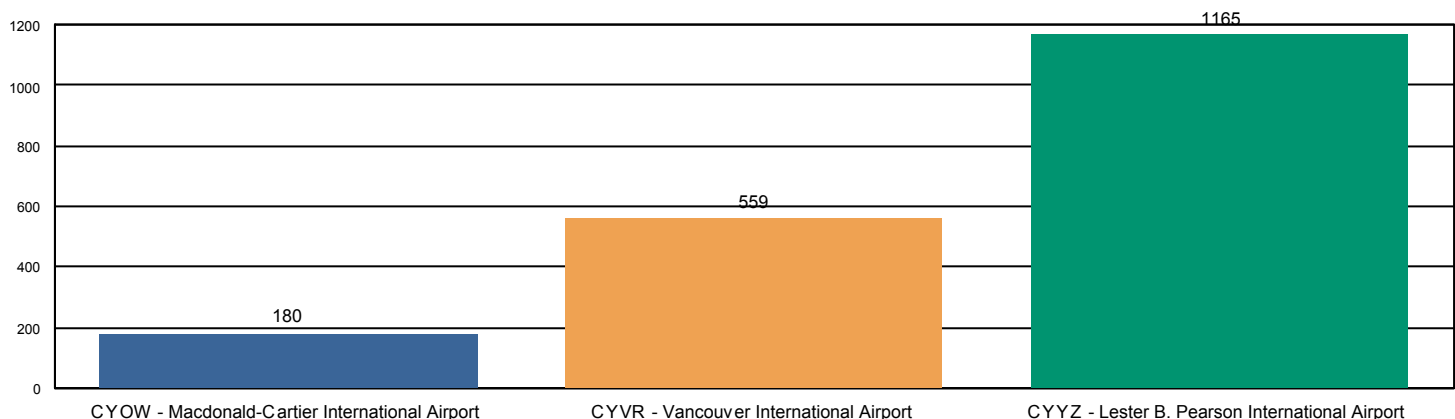
CYVR - Vancouver International Airport

Legal Name:	Vancouver International Airport
Name:	VANCOUVER INTL BC (CYVR)
Type:	Land
Status:	Certified
Owner:	VANCOUVER INTERNATIONAL AIRPORT AUTHORITY
Operator:	VANCOUVER INTERNATIONAL AIRPORT AUTHORITY
City:	RICHMOND, British Columbia, Canada
Longitude:	123°11'02"W
Latitude:	49°11'41"N
# of Runways:	4

CYYZ - Lester B. Pearson International Airport

Legal Name:	Lester B. Pearson International Airport
Name:	TORONTO / LESTER B. PEARSON INTL ON (CYYZ)
Type:	Land
Status:	Certified
Owner:	GREATER TORONTO AIRPORT AUTHORITY
Operator:	GREATER TORONTO AIRPORTS AUTHORITY
City:	MISSISSAUGA, Ontario, Canada
Longitude:	79°37'50"W
Latitude:	43°40'36"N
# of Runways:	5

Number of Occurrences - 2016

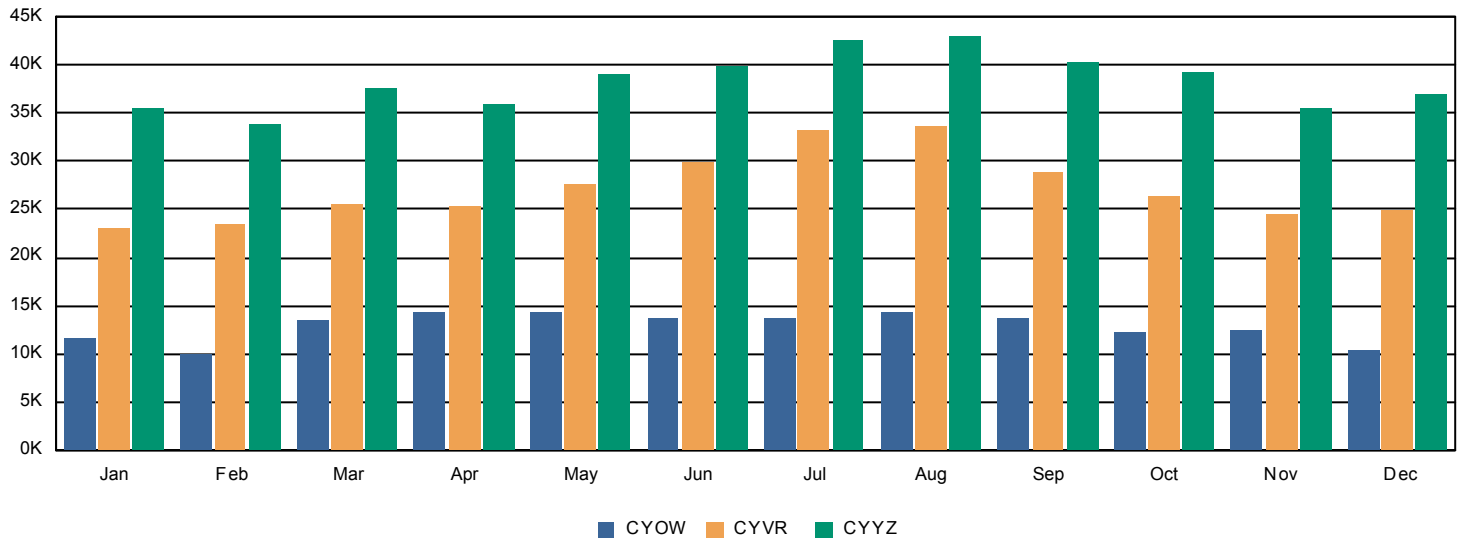


Aerodrome Detail Report - TC 2015 - 2017

2016

CYVR - Vancouver International Airport
 CYYZ - Lester B. Pearson International Airport
 CYOW - Macdonald-Cartier International Airport

Number of Movements



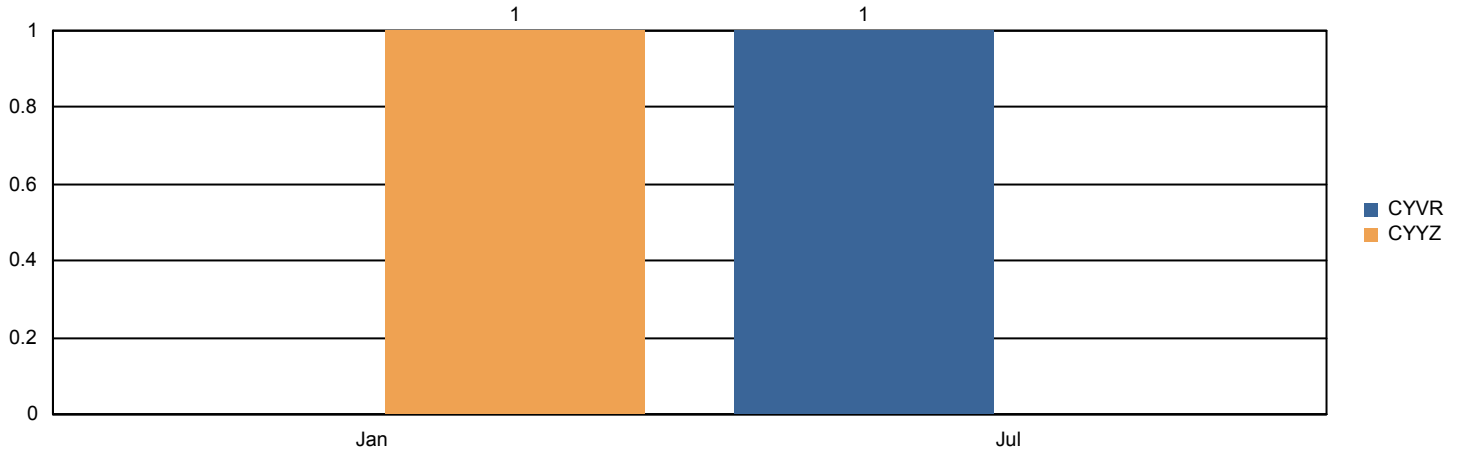
	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Total
CYOW	11630	9942	13583	14324	14320	13639	13792	14412	13607	12307	12412	10379	154347
CYVR	23092	23409	25441	25357	27577	29820	33107	33586	28866	26290	24424	24993	325962
CYYZ	35494	33876	37434	35923	38955	39780	42572	42984	40278	39082	35527	36802	458707

Aerodrome Detail Report - TC 2015 - 2017

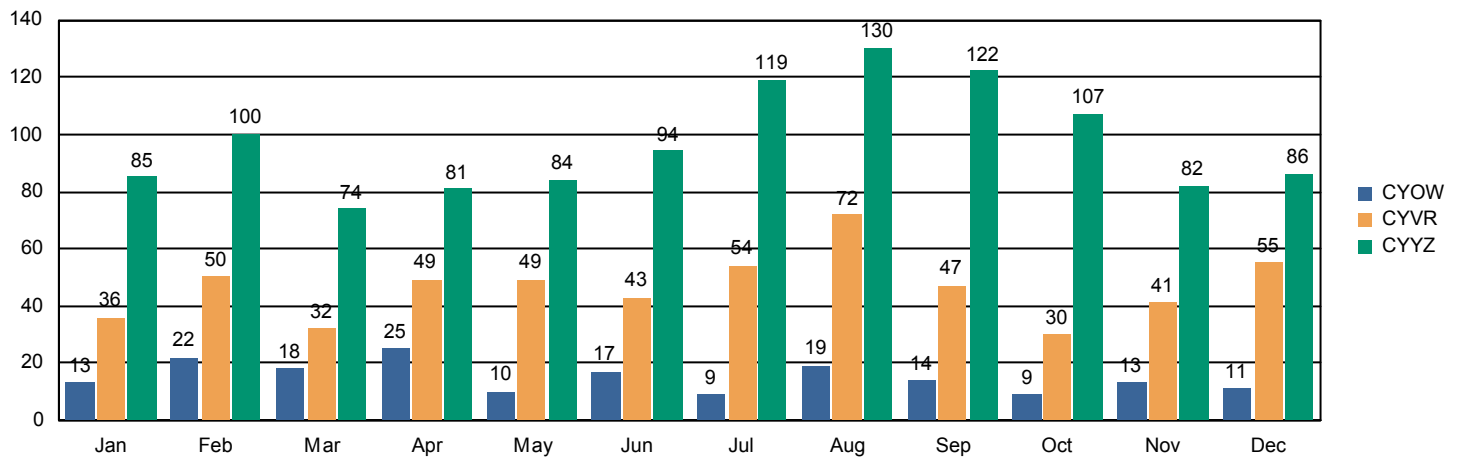
2016

CYVR - Vancouver International Airport
 CYYZ - Lester B. Pearson International Airport
 CYOW - Macdonald-Cartier International Airport

Number of Accidents



Number of Incidents



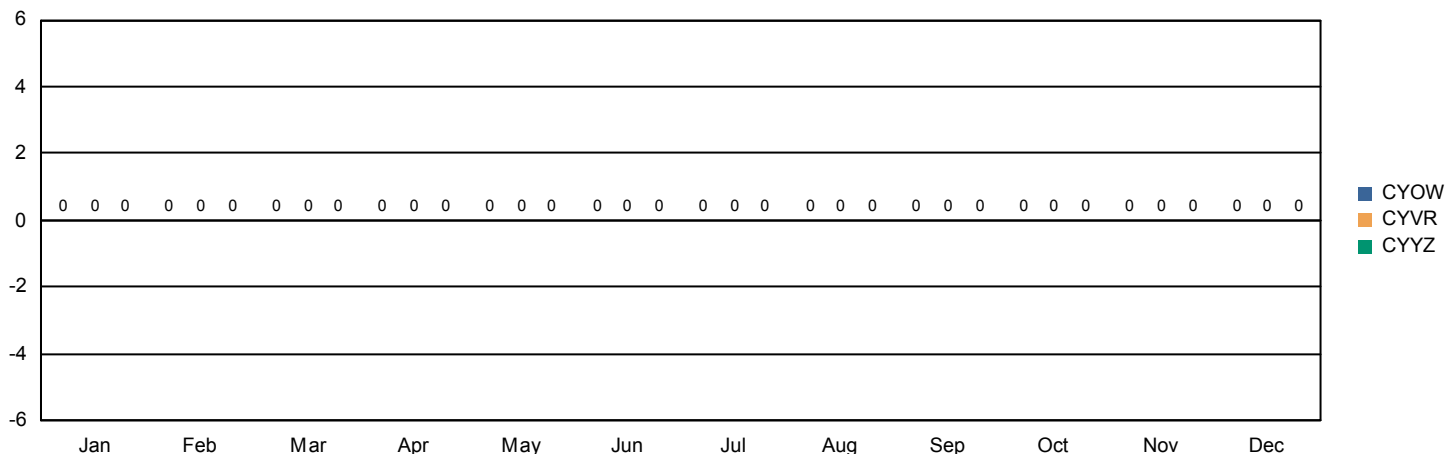
Aerodrome Detail Report - TC

2015 - 2017

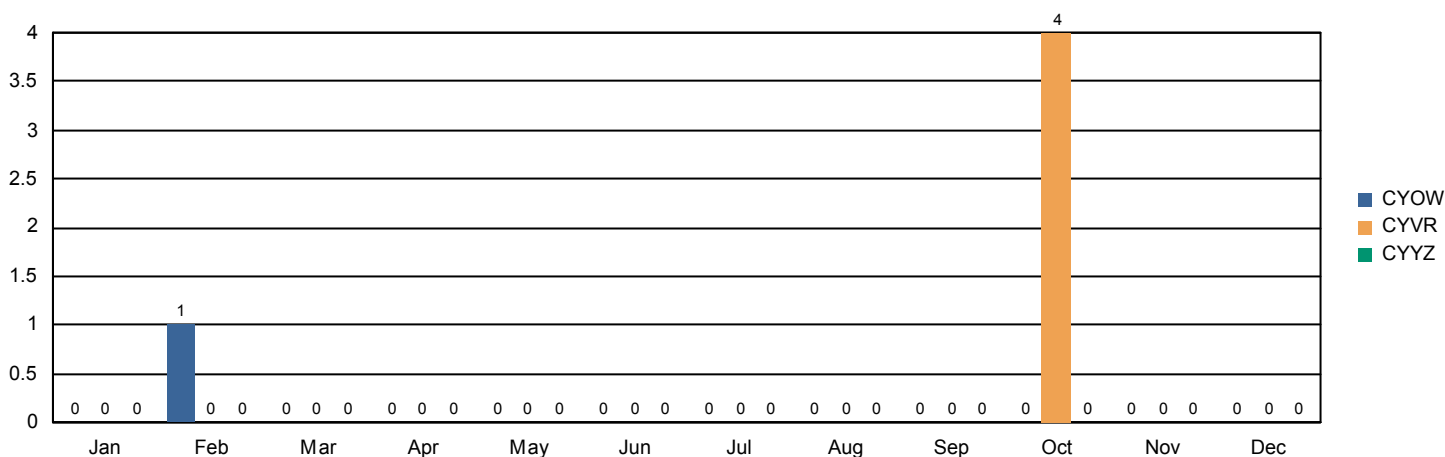
2016

CYVR - Vancouver International Airport
 CYYZ - Lester B. Pearson International Airport
 CYOW - Macdonald-Cartier International Airport

Number of Fatalities



Number of Injuries

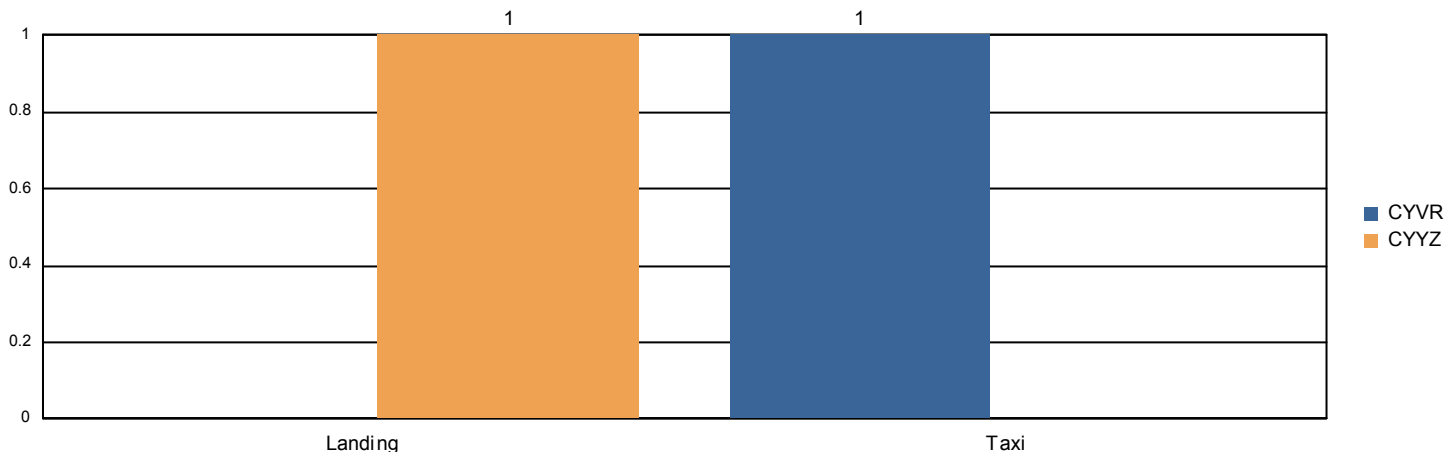


Aerodrome Detail Report - TC 2015 - 2017

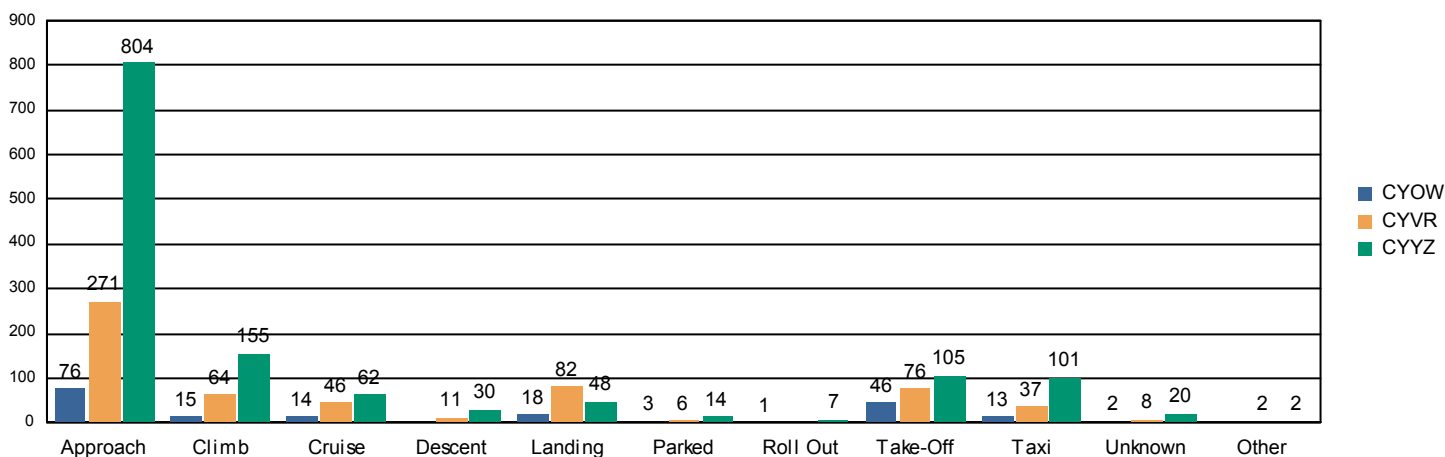
2016

CYVR - Vancouver International Airport
 CYYZ - Lester B. Pearson International Airport
 CYOW - Macdonald-Cartier International Airport

Number of Aircraft Involved in Accidents by Phase Category



Number of Aircraft Involved in Incidents by Phase Category

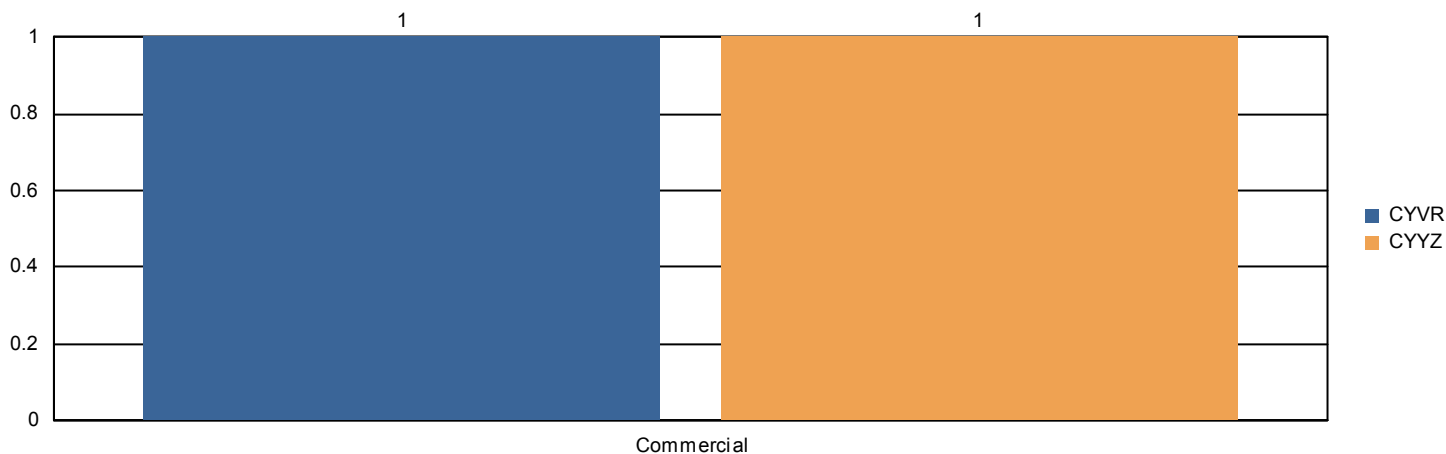


Aerodrome Detail Report - TC 2015 - 2017

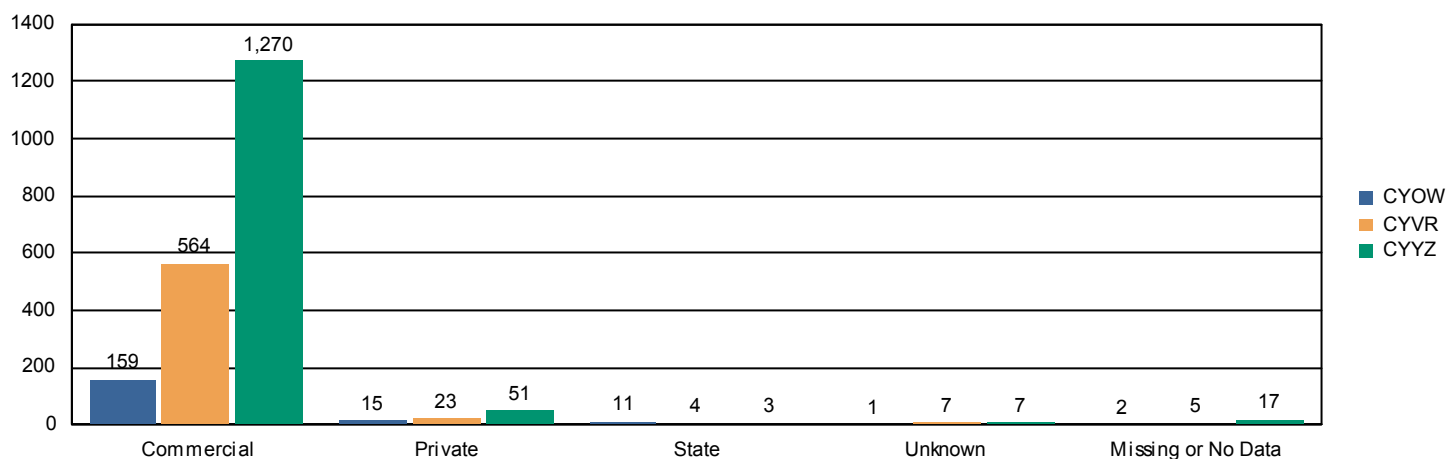
2016

CYVR - Vancouver International Airport
 CYYZ - Lester B. Pearson International Airport
 CYOW - Macdonald-Cartier International Airport

Number of Aircraft Involved in Accidents by Registration Type



Number of Aircraft Involved in Incidents by Registration Type

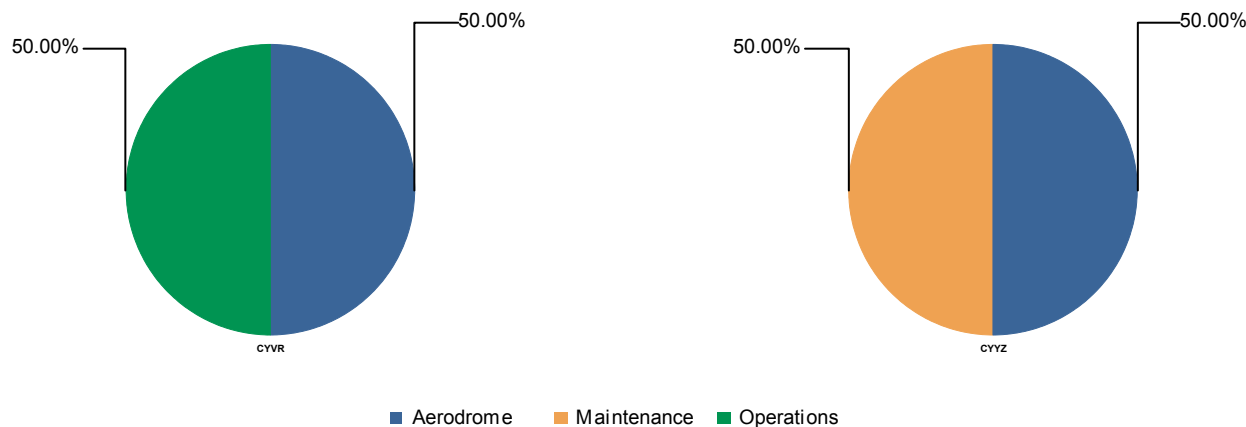


Aerodrome Detail Report - TC 2015 - 2017

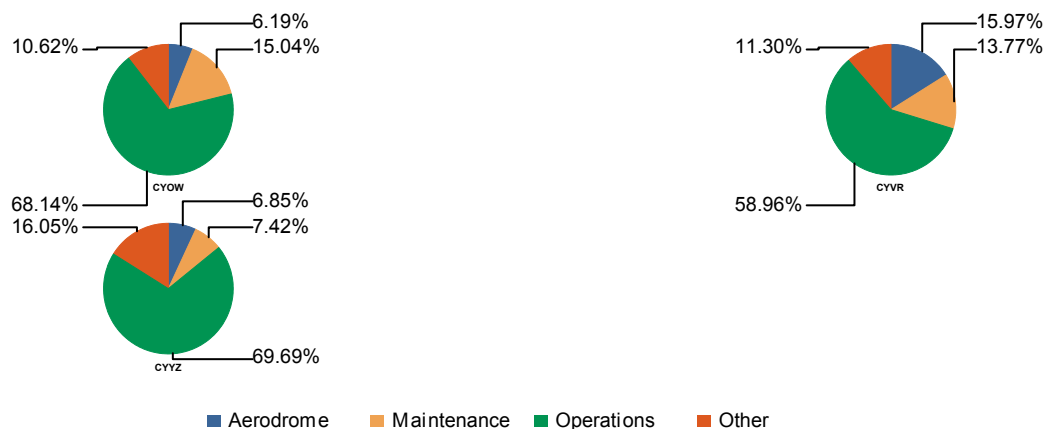
2016

CYVR - Vancouver International Airport
 CYYZ - Lester B. Pearson International Airport
 CYOW - Macdonald-Cartier International Airport

Event Categories attributed to Accidents



Event Categories attributed to Incidents





Aerodrome Detail Report - TC

2015 - 2017

2016

CYVR - Vancouver International Airport
CYYZ - Lester B. Pearson International Airport
CYOW - Macdonald-Cartier International Airport

Number of Events attributed to Accidents

		Jan	Jul	Total
Aerodrome, runway or taxiway shutdown	CYVR	0	1	1
	CYYZ	1	0	1
Blown tire/wheel failure	CYYZ	1	0	1
Collision with object	CYVR	0	1	1

Number of Events attributed to Incidents

		Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Total
Aerodrome - other	CYOW	0	0	1	1	1	0	0	0	0	0	0	0	3
	CYYZ	0	0	0	0	0	0	0	0	0	0	0	1	1
Aerodrome - power failure	CYYZ	0	0	0	0	0	1	0	0	0	0	0	0	1
Aerodrome - runway or taxiway surface condition	CYOW	0	1	0	0	0	0	0	0	0	0	0	0	1
	CYVR	0	0	0	0	0	0	0	0	0	0	0	2	2
	CYYZ	0	2	2	1	0	0	1	0	0	0	1	1	8
Aerodrome noise	CYOW	0	0	0	0	0	0	0	0	0	0	0	1	1
	CYYZ	0	0	0	0	1	0	0	0	0	0	0	0	1
Aerodrome, runway or taxiway shutdown	CYOW	0	2	1	1	0	1	0	0	0	0	0	1	6
	CYVR	8	8	6	2	5	6	9	17	5	6	9	15	96



Aerodrome Detail Report - TC
2015 - 2017

		Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Total
Aerodrome, runway or taxiway shutdown	CYYZ	3	0	2	2	1	7	9	8	3	7	1	2	45
Aircraft navigation/communication equipment	CYOW	0	0	0	1	0	1	0	0	0	0	0	0	2
	CYVR	0	1	1	3	0	0	0	2	0	0	1	2	10
	CYYZ	0	0	0	1	1	1	1	1	0	1	0	3	9
Animal strike (or risk of collision with animal)	CYVR	0	0	0	0	0	0	0	0	0	0	0	1	1
	CYYZ	0	0	1	0	0	0	1	0	0	1	0	0	3
ATM - ILS irregularity	CYOW	0	0	0	1	0	0	0	0	0	0	0	0	1
	CYVR	0	0	0	0	0	0	0	0	0	0	1	1	2
	CYYZ	0	0	1	0	0	1	0	0	0	0	0	0	2
ATM - inaccurate aeronautical information	CYOW	0	0	0	0	0	0	0	0	0	0	0	1	1
	CYVR	0	0	0	0	0	1	0	0	0	0	0	0	1
	CYYZ	1	0	0	0	0	0	0	0	0	0	0	0	1
ATM - NAVAIDS/radar	CYOW	1	0	0	0	0	0	0	0	0	0	1	0	2
	CYVR	0	0	0	0	0	0	0	0	0	0	1	0	1
	CYYZ	1	1	0	0	1	2	0	0	0	0	0	0	5
ATM - operations	CYOW	0	0	0	0	0	0	0	0	1	0	0	0	1
	CYYZ	0	0	0	0	0	0	0	0	1	0	0	0	1
ATM - other	CYYZ	0	0	0	0	1	0	0	1	0	0	0	0	2
ATS operating irregularity	CYVR	0	0	0	0	1	0	0	0	0	1	0	1	3



Aerodrome Detail Report - TC

2015 - 2017

		Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Total
ATS operating irregularity	CYYZ	0	0	0	0	0	0	0	0	1	2	0	0	3
Bird presence	CYVR	2	1	0	0	0	0	0	0	0	0	0	0	3
	CYYZ	0	0	0	0	0	0	0	0	0	1	0	0	1
Bird strike	CYOW	2	0	7	7	3	3	4	5	6	1	2	0	40
	CYVR	8	6	6	1	2	6	11	31	13	7	14	9	114
	CYYZ	3	1	2	4	4	11	16	26	10	11	4	0	92
Blown tire/wheel failure	CYOW	0	1	0	0	0	0	0	0	0	0	0	0	1
	CYVR	0	1	0	1	0	2	2	0	0	0	0	1	7
	CYYZ	0	2	1	0	1	0	0	0	1	0	2	0	7
Brakes - frozen	CYYZ	0	1	0	0	0	0	0	0	0	0	0	0	1
Brakes - other	CYVR	0	0	0	0	0	0	0	0	0	1	0	1	2
	CYYZ	0	0	1	0	0	0	1	1	0	1	0	1	5
Brakes - overheated	CYOW	0	0	0	1	0	0	0	0	0	0	0	0	1
	CYYZ	0	0	0	0	0	1	0	0	1	0	0	0	2
Class F airspace violation	CYOW	0	0	0	2	1	1	0	0	1	0	0	1	6
Collision on ground	CYVR	0	0	0	0	0	0	0	0	0	0	2	0	2
Collision on ground with aircraft	CYVR	0	0	0	0	0	0	2	0	0	0	0	0	2
Collision with object	CYYZ	0	1	0	0	0	0	0	0	0	0	0	1	2
Communication error	CYOW	0	0	0	1	1	0	0	0	0	0	0	1	3



Aerodrome Detail Report - TC

2015 - 2017

		Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Total
Communication error	CYVR	0	1	0	0	1	1	1	1	0	0	0	0	5
	CYYZ	3	2	2	0	1	1	2	3	3	2	0	1	20
Communication navigation surveillance/air traffic system	CYOW	0	1	0	1	1	0	0	0	0	0	0	0	3
	CYVR	0	2	0	0	0	1	1	1	2	0	0	2	9
	CYYZ	0	3	0	2	1	1	2	2	3	5	1	2	22
Conflict - IFR & VFR	CYVR	0	0	0	0	2	5	2	0	2	0	0	0	11
	CYYZ	0	0	0	0	0	0	0	0	2	2	0	0	4
Conflict - loss of separation	CYOW	0	2	0	0	0	0	0	0	0	0	0	0	2
	CYVR	0	2	0	1	4	2	2	0	0	2	0	2	15
	CYYZ	0	2	4	0	4	4	2	0	5	4	0	2	27
Conflict - near collision (VFR or IFR)	CYOW	0	0	0	0	0	2	0	0	0	0	0	0	2
Conflict - potential	CYOW	0	0	2	4	2	0	0	0	0	0	4	0	12
	CYVR	0	0	0	2	6	0	2	2	0	4	0	0	16
	CYYZ	2	1	0	10	8	6	4	2	8	22	3	2	68
Controlled airspace - unauthorized entry	CYOW	0	0	0	1	1	1	0	0	0	0	1	1	5
	CYVR	1	0	0	0	1	2	1	1	0	0	0	1	7
	CYYZ	0	1	0	2	4	1	3	2	3	5	0	1	22
Crew incapacitation	CYOW	0	1	0	0	0	0	0	0	0	0	0	0	1
	CYVR	1	0	1	0	0	0	0	2	0	1	0	0	5



Aerodrome Detail Report - TC

2015 - 2017

		Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Total
Crew incapacitation	CYYZ	2	0	1	0	0	0	0	0	0	0	0	0	3
Declared emergency/priority	CYOW	0	1	0	2	0	1	0	0	0	0	0	1	5
	CYVR	2	2	3	3	3	1	4	4	4	3	2	4	35
	CYYZ	9	5	6	4	4	2	7	6	5	2	7	10	67
Decompression/pressurization	CYVR	0	1	0	0	1	0	0	2	1	0	0	0	5
	CYYZ	1	0	0	1	0	0	1	2	0	0	0	0	5
Disruptive passenger	CYOW	1	0	0	0	0	0	0	0	0	0	0	0	1
	CYVR	0	2	0	0	2	1	0	1	4	2	1	2	15
	CYYZ	3	1	5	5	2	0	2	1	1	3	5	5	33
Diversion	CYOW	1	2	0	1	0	1	0	0	1	0	0	0	6
	CYVR	9	3	4	7	2	4	6	0	1	3	2	6	47
	CYYZ	5	6	9	5	2	1	3	5	1	3	4	8	52
Door/canopy openings indications	CYOW	0	0	1	1	0	0	0	0	0	0	0	0	2
	CYVR	1	0	0	0	0	1	0	0	0	0	0	0	2
	CYYZ	0	0	0	0	0	2	0	2	0	0	0	1	5
Electrical problem	CYOW	0	1	0	0	0	0	0	0	0	0	0	0	1
	CYVR	3	1	1	0	0	0	0	1	0	2	0	0	8
	CYYZ	1	2	0	0	0	0	1	0	0	0	2	0	6
ELT	CYOW	0	0	1	0	1	0	0	0	0	0	0	0	2



Aerodrome Detail Report - TC

2015 - 2017

		Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Total
ELT	CYVR	1	1	2	2	1	0	1	1	1	0	0	0	10
	CYYZ	0	0	2	0	2	3	1	1	3	2	1	1	16
Engine - malfunction	CYOW	0	2	0	0	0	0	0	0	0	0	0	0	2
	CYVR	1	1	1	1	2	0	2	1	0	0	0	1	10
	CYYZ	0	0	0	0	0	0	0	0	1	0	1	0	2
Engine failure	CYOW	0	1	0	1	0	0	0	0	0	0	0	0	2
	CYVR	0	0	0	0	0	0	1	1	0	0	0	0	2
	CYYZ	0	0	0	0	0	0	0	0	0	0	0	1	1
Engine oil problem	CYVR	0	0	0	2	0	0	0	0	0	0	0	0	2
	CYYZ	0	1	0	0	0	0	1	0	0	0	0	0	2
Engine shut down	CYVR	2	1	0	1	1	0	1	0	0	0	0	0	6
	CYYZ	1	1	0	0	0	0	0	0	1	0	1	0	4
Evacuation (aircraft)	CYOW	0	0	0	0	0	0	0	0	0	0	0	1	1
	CYVR	2	1	0	0	0	0	0	0	1	0	0	0	4
	CYYZ	1	0	0	0	0	0	1	0	0	0	0	0	2
False indication warning	CYVR	0	0	0	1	0	0	0	0	0	0	0	0	1
Fire - aircraft (cockpit, cargo or passenger area)	CYVR	0	0	0	0	0	0	0	0	0	1	0	0	1
Fire - engine	CYVR	0	0	0	0	0	0	0	0	1	0	1	0	2
Flight control systems (ailerons, rudder, rotors, flaps, main, tail)	CYOW	0	1	0	0	0	0	0	0	0	0	0	1	2



FOR EXAMPLE - CANADA

Date Produced: 2018-10-16

Time Produced: 9:46:51AM

Aerodrome Detail Report - TC 2015 - 2017

		Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Total
Flight control systems (ailerons, rudder, rotors, flaps, main, tail)	CYVR	3	1	1	1	1	0	1	1	1	0	2	1	13
	CYYZ	3	5	1	0	0	1	1	1	0	0	1	4	17
Flight instrument failure	CYVR	0	0	1	0	0	0	0	0	1	0	0	0	2
	CYYZ	0	1	0	0	0	0	0	0	0	0	1	0	2
Flight plan – activation	CYOW	0	0	0	0	0	1	0	0	0	1	0	0	2
	CYVR	0	0	0	0	1	0	0	0	0	0	0	0	1
Flight plan – information	CYVR	0	0	0	0	0	0	0	0	0	0	0	1	1
FOD (foreign object debris)	CYOW	0	0	0	3	0	2	0	2	3	1	1	0	12
	CYVR	1	3	3	0	3	1	3	6	0	0	2	2	24
	CYYZ	0	2	0	2	1	4	3	11	5	6	4	0	38
Fuel - dumping	CYVR	0	0	0	0	0	0	0	0	0	1	0	0	1
	CYYZ	0	0	0	0	1	0	0	0	0	0	0	0	1
Fuel - low/declared minimum	CYVR	0	0	1	0	0	0	0	0	0	0	0	0	1
	CYYZ	0	0	0	1	0	0	0	0	1	0	0	0	2
Fuel - other	CYVR	0	0	0	0	0	0	1	0	0	0	0	0	1
	CYYZ	0	0	0	0	0	0	1	0	0	0	0	0	1
Fuel - spill	CYOW	0	0	0	0	0	0	0	0	0	0	0	2	2
	CYYZ	0	0	0	0	0	0	0	0	0	0	1	0	1
GPWS/TAWS alert	CYVR	0	0	0	0	1	0	0	0	0	0	0	0	1



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Aerodrome Detail Report - TC 2015 - 2017

		Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Total
Ground handling services	CYOW	0	0	0	0	0	0	0	1	0	0	0	0	1
	CYVR	0	0	0	0	0	0	1	0	0	0	0	0	1
	CYYZ	0	0	0	0	0	0	0	0	0	0	1	0	1
Hydraulic problem	CYVR	1	1	0	1	1	1	2	1	0	0	1	0	9
	CYYZ	3	0	1	0	2	0	0	1	1	1	0	1	10
Incursion - manoeuvring area	CYOW	0	1	0	0	0	0	0	0	0	0	1	0	2
	CYVR	0	0	0	2	2	0	3	0	1	3	3	1	15
	CYYZ	2	1	0	1	0	0	1	2	1	3	0	1	12
Incursion - runway - aircraft	CYOW	0	0	1	0	0	0	0	0	0	0	0	0	1
	CYYZ	1	1	1	3	1	1	4	4	1	2	0	0	19
Incursion - runway - animal	CYVR	1	3	1	2	2	1	0	1	0	0	0	0	11
	CYYZ	0	3	1	0	1	0	0	0	0	2	0	0	7
Incursion - runway - vehicle	CYOW	0	0	0	0	0	0	0	0	1	0	0	0	1
	CYVR	0	0	0	0	0	0	1	0	0	1	0	0	2
	CYYZ	0	0	1	0	0	0	0	0	0	1	0	3	5
Landing gear	CYOW	0	1	0	1	0	0	3	0	1	0	1	1	8
	CYVR	1	2	0	1	6	1	4	1	3	0	2	2	23
	CYYZ	1	1	2	2	0	1	0	2	3	3	0	1	16
Landing gear - incorrect configuration	CYYZ	0	0	0	0	0	1	0	0	0	0	0	0	1



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		Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Total
Laser interference	CYOW	1	0	0	0	0	0	0	0	1	0	0	0	2
	CYVR	3	13	2	5	2	2	1	5	3	5	1	3	45
	CYYZ	5	11	8	10	3	4	3	7	7	12	9	6	85
Loss of control - on ground	CYVR	1	0	0	0	0	0	0	0	0	0	0	0	1
Mechanical/technical malfunction of aircraft - other	CYOW	4	1	1	3	0	1	1	1	0	1	0	0	13
	CYVR	2	0	0	2	0	2	1	0	0	0	0	1	8
	CYYZ	1	2	0	1	0	0	2	0	0	0	2	2	10
Medical emergency	CYOW	0	1	0	1	0	1	0	0	1	1	0	0	5
	CYVR	0	0	0	1	1	0	0	0	0	1	0	1	4
	CYYZ	6	2	6	4	3	2	6	4	3	3	3	1	43
Navigation error	CYOW	0	1	3	1	2	2	0	1	0	0	3	1	14
	CYVR	2	2	3	9	5	4	2	4	2	2	2	9	46
	CYYZ	5	14	5	6	6	9	15	6	13	5	8	3	95
Not Applicable	CYOW	0	0	0	0	0	0	0	0	0	0	0	0	0
	CYVR	0	0	0	0	0	0	0	0	0	0	0	0	0
	CYYZ	0	0	0	0	0	0	0	0	0	0	0	0	0
Other operational incident	CYOW	0	0	1	0	0	1	0	0	0	0	0	1	3
	CYVR	1	1	1	0	1	0	0	1	0	0	0	0	5
	CYYZ	0	0	0	1	0	0	0	0	1	0	1	1	4



Aerodrome Detail Report - TC

2015 - 2017

		Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Total
Overshoot/missed approach	CYOW	4	9	3	4	2	4	3	8	2	5	5	5	54
	CYVR	8	13	10	15	24	9	16	20	15	8	12	20	170
	CYYZ	41	46	31	36	39	46	60	68	56	40	38	46	547
Part or pieces separate from an aircraft	CYVR	0	0	1	0	0	0	0	0	0	0	0	0	1
	CYYZ	0	0	1	0	1	0	0	0	0	0	0	0	2
Public complaint	CYOW	0	0	0	0	0	0	0	0	0	1	0	0	1
Rejected take-off	CYOW	2	2	0	4	0	2	1	2	0	0	0	0	13
	CYVR	0	1	0	1	2	0	4	0	0	2	1	0	11
	CYYZ	1	1	1	1	3	0	0	2	0	1	0	6	16
Runway excursion	CYYZ	0	1	0	0	0	0	0	0	0	0	0	0	1
SAR/comm search	CYOW	0	0	1	0	0	0	0	0	0	0	0	0	1
Security acts	CYVR	0	1	0	0	0	1	0	0	0	0	0	0	2
	CYYZ	0	0	0	0	0	0	0	1	0	0	0	0	1
Smoke/fumes - aircraft	CYVR	1	0	0	0	0	0	1	3	0	2	0	1	8
	CYYZ	0	0	2	0	1	0	1	0	0	0	0	2	6
Tail strike	CYYZ	0	0	0	0	0	0	0	0	0	0	1	0	1
TCAS alert	CYOW	0	1	0	0	0	1	0	2	0	0	0	0	4
	CYVR	0	1	1	2	0	2	2	1	1	0	1	1	12
	CYYZ	4	2	1	6	3	2	2	4	7	2	3	1	37



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Aerodrome Detail Report - TC 2015 - 2017

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Wake turbulence/vortices	CYVR	0	2	1	2	1	6	1	3	3	0	0	1	20
	CYYZ	5	7	2	5	10	6	5	4	13	7	1	1	66
Weather - clear air turbulence (CAT)/turbulence	CYOW	0	1	0	0	0	0	0	0	0	0	0	0	1
	CYVR	0	0	0	0	0	0	0	1	0	0	1	0	2
	CYYZ	1	0	0	0	0	0	0	0	0	0	0	0	1
Weather - other	CYYZ	1	0	1	1	1	0	0	0	2	0	0	0	6
Weather - visibility	CYYZ	1	0	0	0	0	0	0	3	0	0	0	0	4
Weather - wind	CYVR	2	1	1	0	0	1	0	0	1	0	0	0	6
	CYYZ	0	0	2	0	1	0	1	1	0	1	1	1	8
Weather - wind shear	CYOW	0	0	0	0	0	0	0	3	0	3	0	0	6
	CYYZ	3	5	1	1	1	4	2	3	5	0	0	4	29
Weather balloon, meteor, rocket, CIRVIS/UFO	CYVR	0	0	0	0	0	0	0	0	0	0	1	0	1
Windshield/window (aircraft)	CYOW	0	0	0	0	0	0	0	0	1	0	0	0	1
	CYYZ	0	1	0	0	0	0	1	0	0	0	0	0	2
Wing strike	CYVR	0	0	0	0	0	0	1	0	0	0	2	0	3

Aerodrome Detail Report - TC 2015 - 2017

CYOW - Macdonald-Cartier International Airport

Legal Name:	Macdonald-Cartier International Airport
Name:	OTTAWA / MACDONALD-CARTIER INTL ON (CYOW)
Type:	Land
Status:	Certified
Owner:	TRANSPORT CANADA
Operator:	OTTAWA MACDONALD-CARTIER INTERNATIONAL AIRPORT AUTHORITY
City:	OTTAWA, Ontario, Canada
Longitude:	75°40'02"W
Latitude:	45°19'21"N
# of Runways:	3

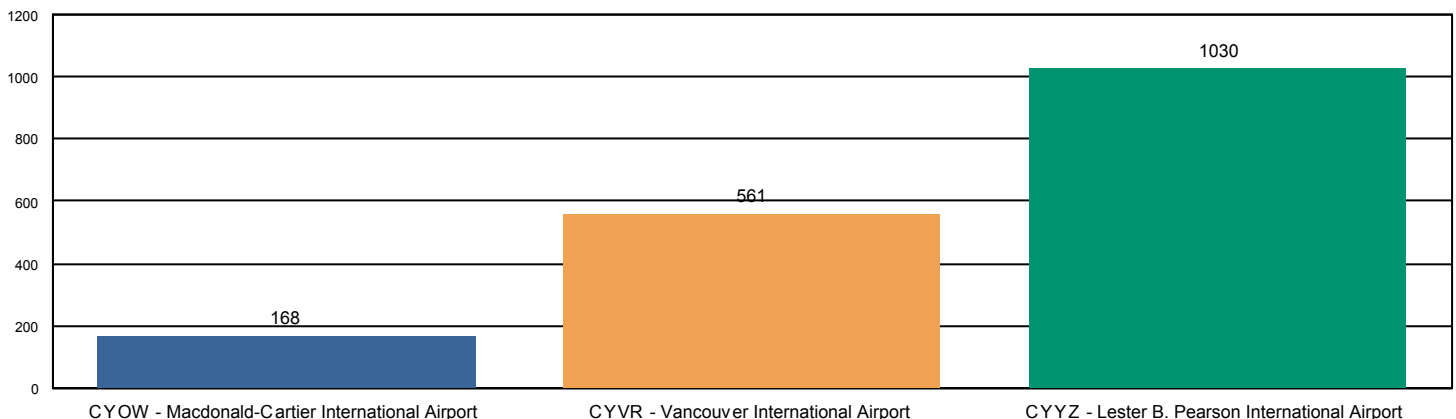
CYVR - Vancouver International Airport

Legal Name:	Vancouver International Airport
Name:	VANCOUVER INTL BC (CYVR)
Type:	Land
Status:	Certified
Owner:	VANCOUVER INTERNATIONAL AIRPORT AUTHORITY
Operator:	VANCOUVER INTERNATIONAL AIRPORT AUTHORITY
City:	RICHMOND, British Columbia, Canada
Longitude:	123°11'02"W
Latitude:	49°11'41"N
# of Runways:	4

CYYZ - Lester B. Pearson International Airport

Legal Name:	Lester B. Pearson International Airport
Name:	TORONTO / LESTER B. PEARSON INTL ON (CYYZ)
Type:	Land
Status:	Certified
Owner:	GREATER TORONTO AIRPORT AUTHORITY
Operator:	GREATER TORONTO AIRPORTS AUTHORITY
City:	MISSISSAUGA, Ontario, Canada
Longitude:	79°37'50"W
Latitude:	43°40'36"N
# of Runways:	5

Number of Occurrences - 2017





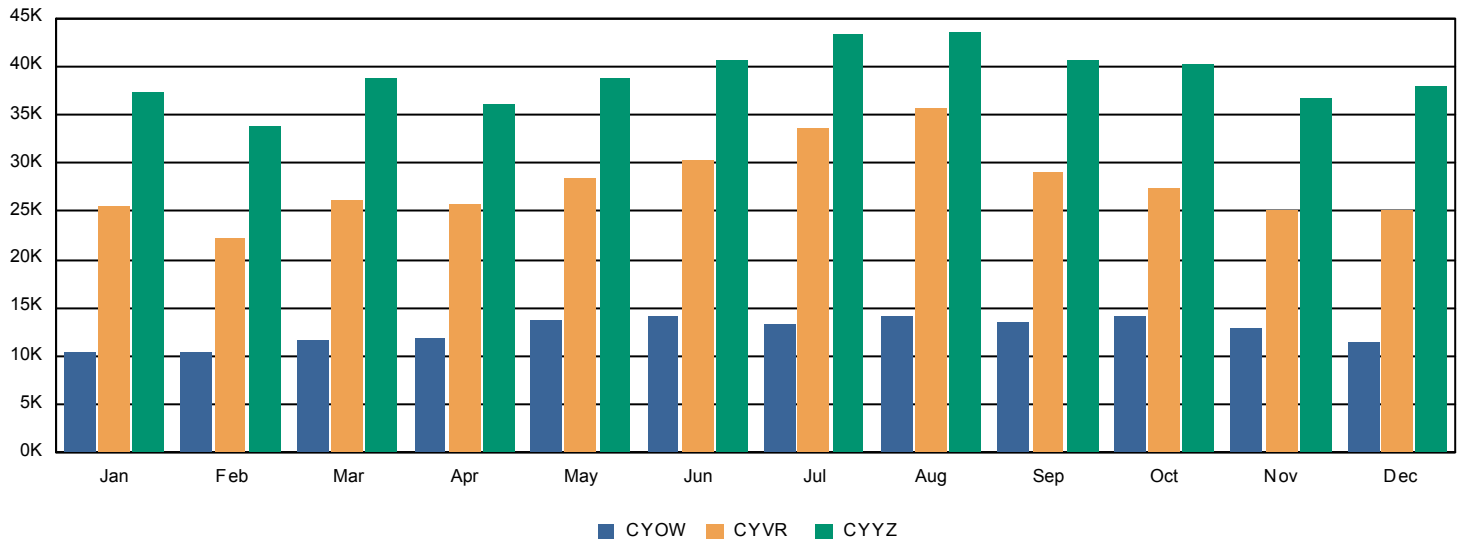
Aerodrome Detail Report - TC

2015 - 2017

2017

CYVR - Vancouver International Airport
CYYZ - Lester B. Pearson International Airport
CYOW - Macdonald-Cartier International Airport

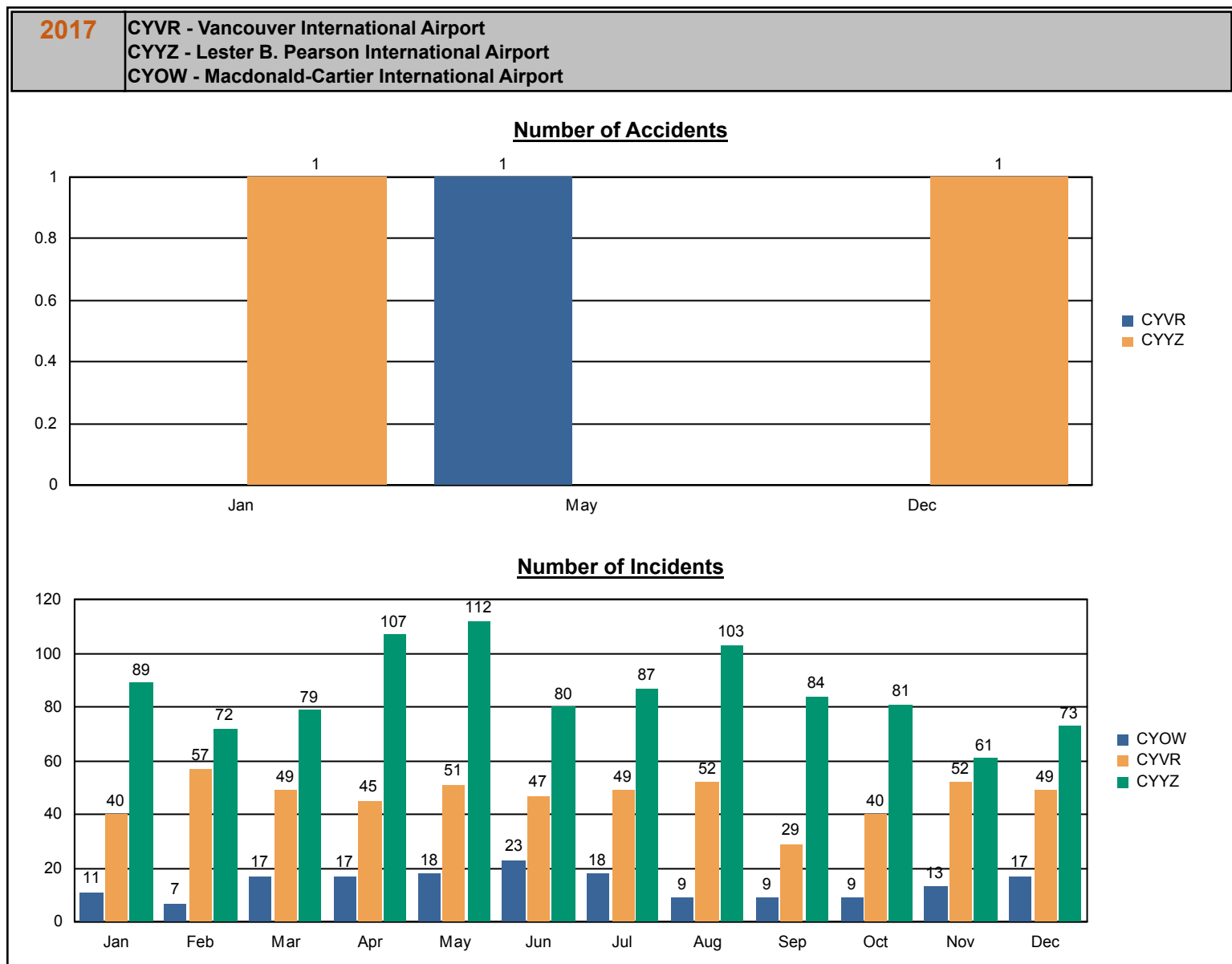
Number of Movements



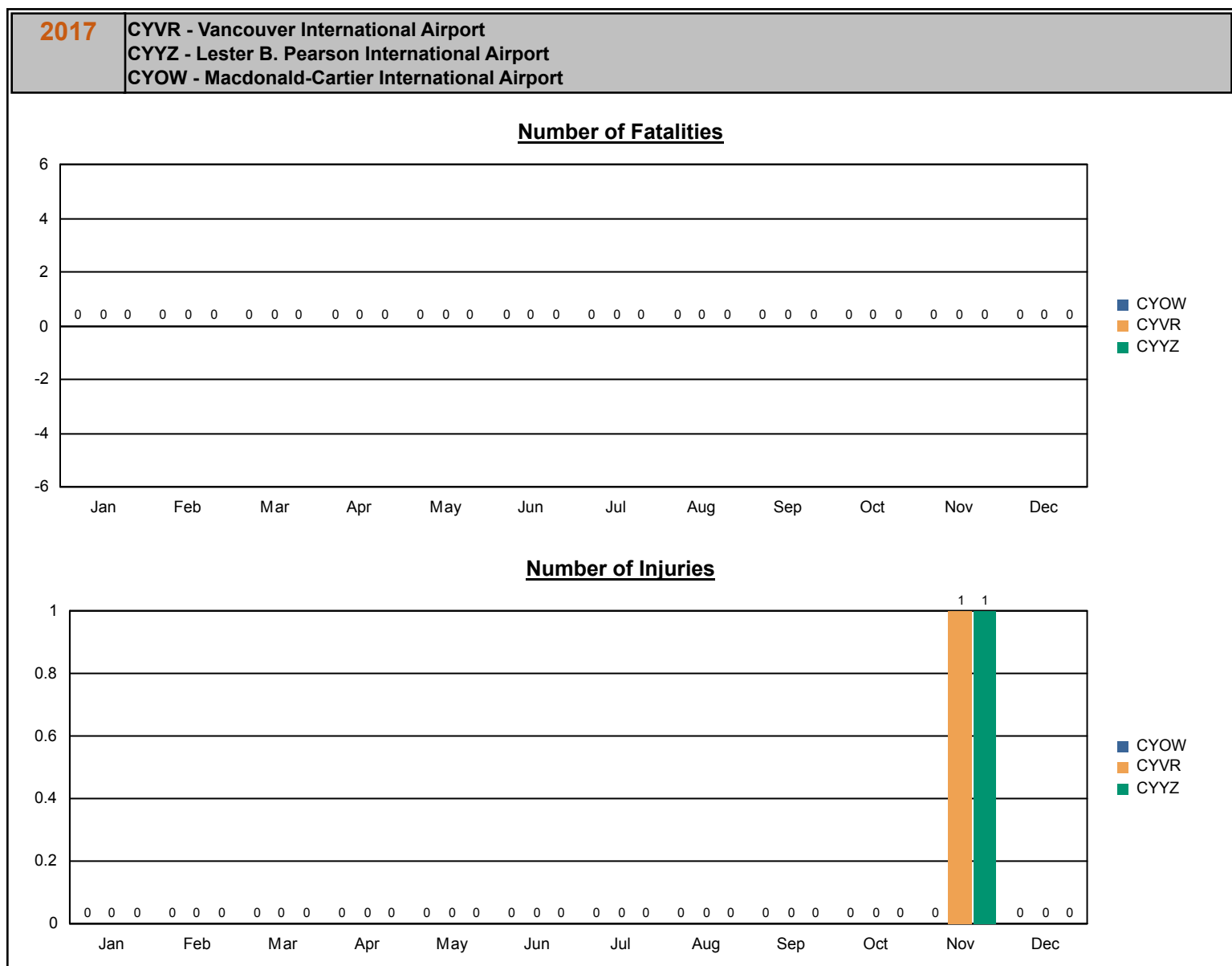
	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Total
CYOW	10335	10494	11592	11826	13668	14215	13347	14122	13561	14071	12945	11459	151635
CYVR	25458	22235	26144	25763	28398	30281	33551	35618	29029	27271	25044	25071	333863
CYYZ	37294	33695	38732	36128	38638	40689	43267	43503	40516	40130	36606	37905	467103

Aerodrome Detail Report - TC

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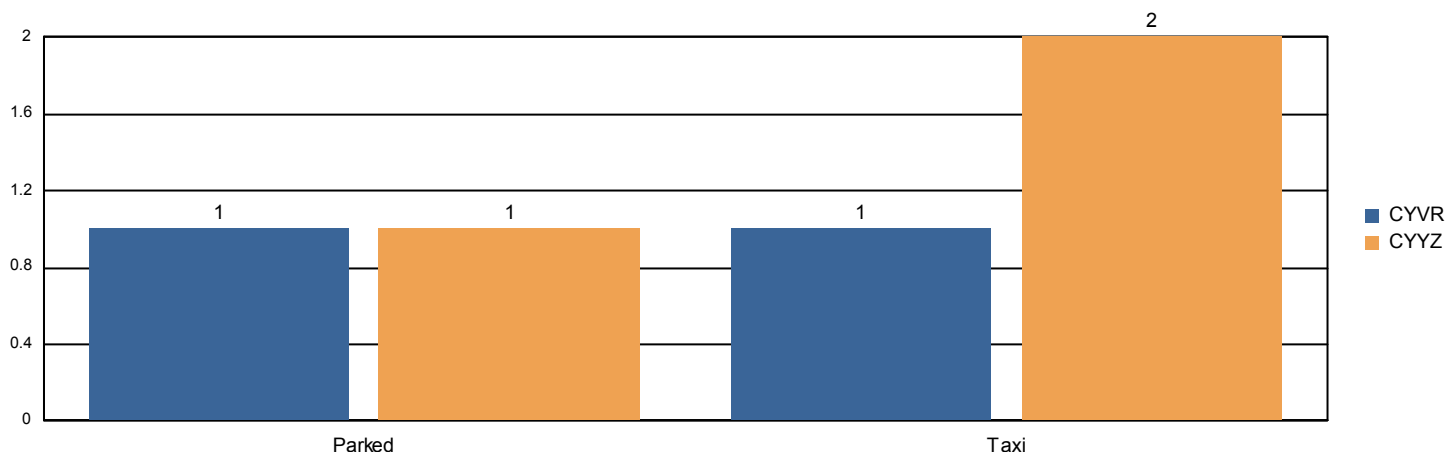
Aerodrome Detail Report - TC

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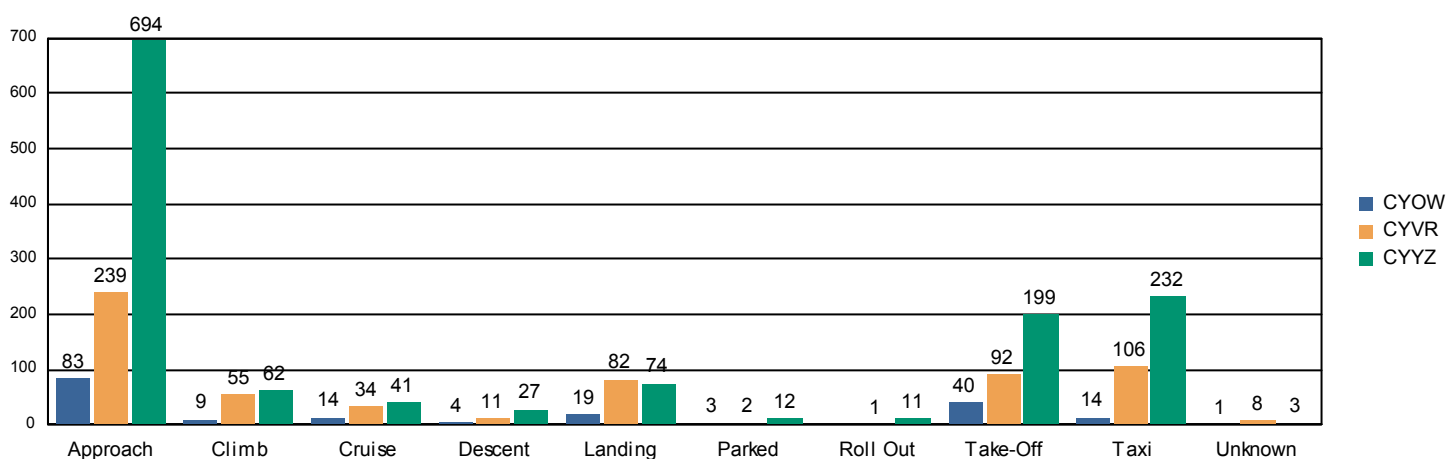
2017

CYVR - Vancouver International Airport
 CYYZ - Lester B. Pearson International Airport
 CYOW - Macdonald-Cartier International Airport

Number of Aircraft Involved in Accidents by Phase Category



Number of Aircraft Involved in Incidents by Phase Category

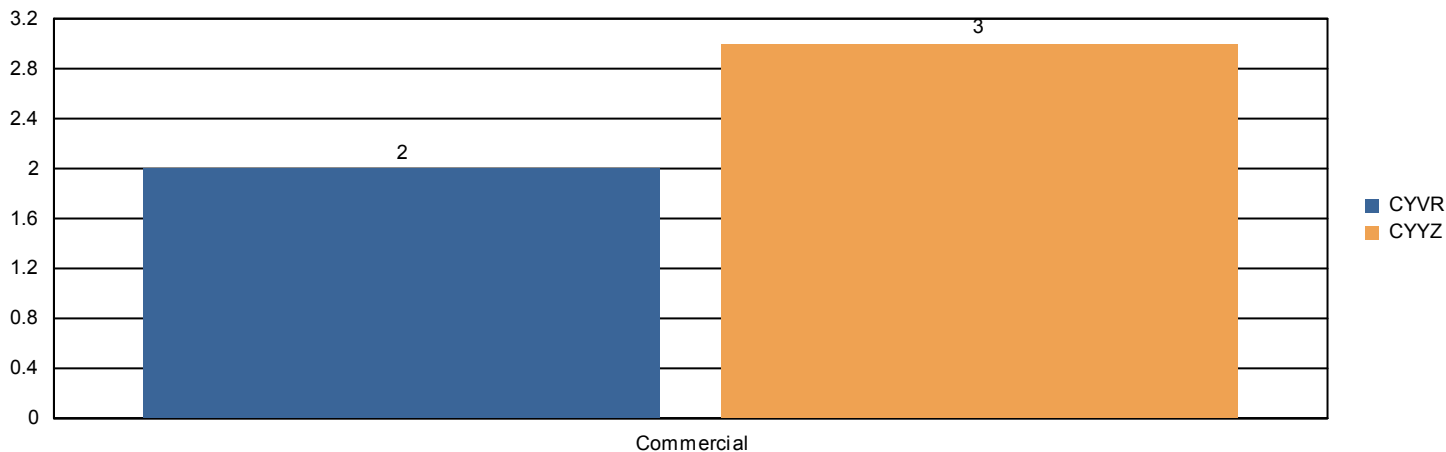


Aerodrome Detail Report - TC 2015 - 2017

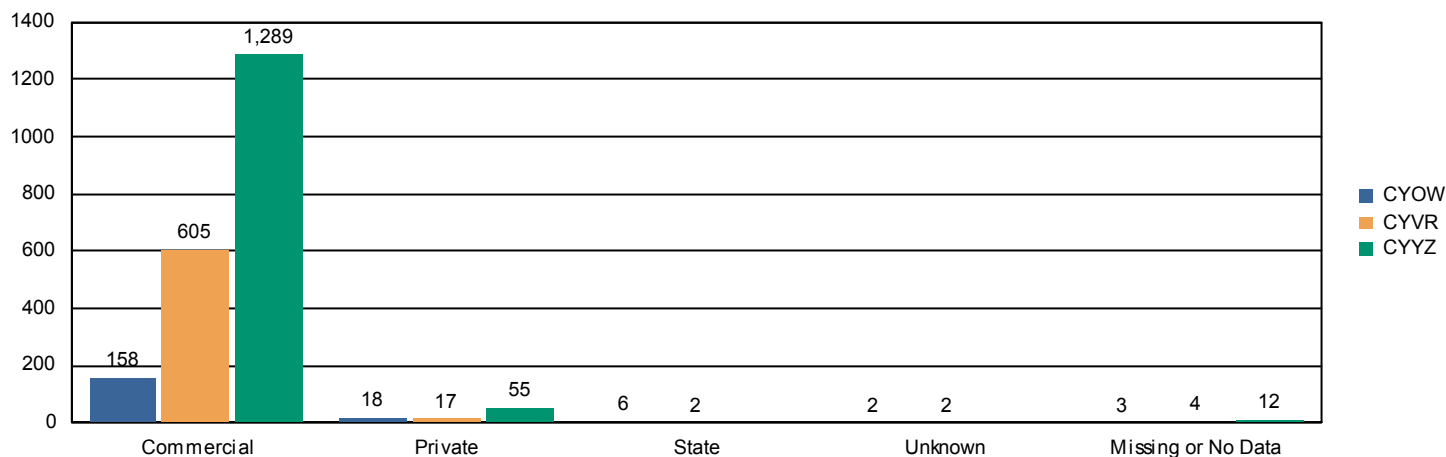
2017

CYVR - Vancouver International Airport
 CYYZ - Lester B. Pearson International Airport
 CYOW - Macdonald-Cartier International Airport

Number of Aircraft Involved in Accidents by Registration Type



Number of Aircraft Involved in Incidents by Registration Type

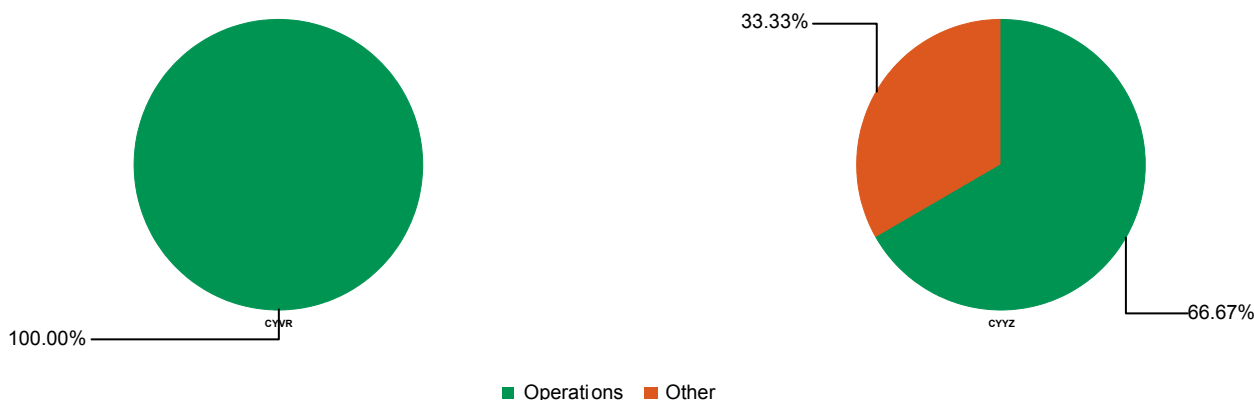


Aerodrome Detail Report - TC 2015 - 2017

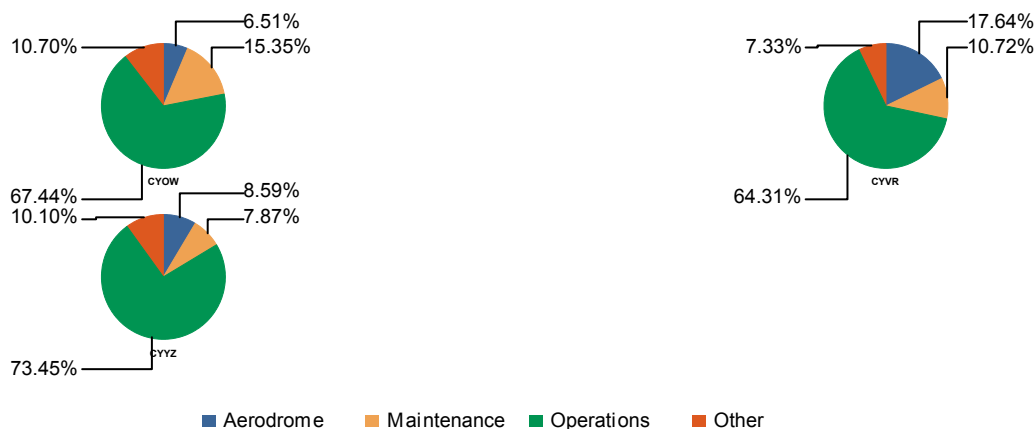
2017

CYVR - Vancouver International Airport
 CYYZ - Lester B. Pearson International Airport
 CYOW - Macdonald-Cartier International Airport

Event Categories attributed to Accidents



Event Categories attributed to Incidents





Aerodrome Detail Report - TC

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CYVR - Vancouver International Airport
CYYZ - Lester B. Pearson International Airport
CYOW - Macdonald-Cartier International Airport

Number of Events attributed to Accidents

		Jan	May	Dec	Total
Collision on ground	CYVR	0	2	0	2
	CYYZ	2	0	0	2
Collision with object	CYYZ	0	0	1	1
Ground handling services	CYYZ	1	0	0	1
Navigation error	CYYZ	0	0	1	1
Parked aircraft damage	CYYZ	1	0	0	1
Wing strike	CYYZ	2	0	0	2

Number of Events attributed to Incidents

		Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Total
Aerodrome - other	CYOW	0	0	0	0	0	0	0	0	0	0	0	1	1
	CYVR	0	0	0	0	0	0	0	0	0	1	0	0	1
	CYYZ	0	0	0	1	1	0	0	0	1	0	0	1	4
Aerodrome - power failure	CYYZ	0	0	0	0	1	0	0	0	0	0	0	0	1
Aerodrome - runway or taxiway surface condition	CYOW	1	1	0	0	0	0	0	0	0	0	0	2	4
	CYVR	1	3	0	0	0	0	0	0	0	0	0	0	4
	CYYZ	0	4	1	0	0	0	0	0	0	0	0	6	11



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		Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Total
Aerodrome - visual aids	CYOW	0	0	0	0	0	0	1	0	0	0	0	0	1
	CYVR	0	0	0	0	0	0	0	0	0	0	0	1	1
	CYYZ	0	0	0	0	1	0	0	0	0	0	0	0	1
Aerodrome noise	CYYZ	0	0	0	0	1	1	1	0	0	0	0	0	3
Aerodrome, runway or taxiway shutdown	CYOW	1	0	3	0	0	1	1	0	0	1	0	1	8
	CYVR	6	10	9	5	5	5	6	5	2	6	15	2	76
	CYYZ	3	4	6	2	9	3	4	4	3	3	3	4	48
Aircraft navigation/communication equipment	CYOW	1	0	3	1	1	1	0	0	0	0	0	1	8
	CYVR	0	0	1	1	1	0	1	0	1	0	1	1	7
	CYYZ	0	1	1	0	0	0	0	0	0	0	0	0	2
Animal strike (or risk of collision with animal)	CYVR	1	0	0	0	0	0	0	0	0	0	0	1	2
	CYYZ	0	0	1	3	0	0	1	0	0	1	0	0	6
ATM - ILS irregularity	CYVR	0	0	2	0	0	0	0	0	0	0	1	1	4
	CYYZ	2	0	0	0	0	0	0	0	0	0	0	0	2
ATM - inaccurate aeronautical information	CYOW	0	0	0	0	0	0	1	0	0	0	0	0	1
	CYVR	0	0	0	0	0	1	0	0	0	0	0	0	1
	CYYZ	0	0	0	0	0	0	0	0	0	0	1	0	1
ATM - NAVAIDS/radar	CYVR	0	1	0	0	0	2	0	0	0	0	0	0	3
	CYYZ	0	1	0	0	0	0	0	0	0	0	1	0	2



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		Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Total
ATM - other	CYVR	0	1	0	0	0	0	0	0	0	0	0	0	1
ATS operating irregularity	CYVR	0	0	0	2	1	0	0	0	0	0	0	0	3
	CYYZ	0	0	0	0	0	0	1	0	0	1	0	1	3
Bird presence	CYVR	1	0	0	1	1	0	0	0	0	0	0	1	4
	CYYZ	0	0	0	0	2	0	0	0	0	0	0	0	2
Bird strike	CYOW	0	1	4	3	3	5	4	0	0	2	1	1	24
	CYVR	7	10	10	4	3	3	13	17	8	6	19	4	104
	CYYZ	2	5	9	3	10	13	9	12	11	11	8	2	95
Blown tire/wheel failure	CYOW	0	0	0	0	0	0	0	0	0	1	0	1	2
	CYVR	1	0	1	0	1	1	0	0	0	0	0	0	4
	CYYZ	1	0	0	1	0	0	1	0	0	1	0	0	4
Brakes - other	CYVR	0	1	0	0	0	2	0	0	0	1	0	0	4
	CYYZ	0	0	0	0	0	0	0	0	1	1	0	0	2
Brakes - overheated	CYVR	0	0	0	0	0	1	0	0	0	0	0	0	1
	CYYZ	0	0	0	0	0	0	1	0	1	0	0	0	2
Class F airspace violation	CYOW	0	0	0	0	1	1	0	0	1	0	1	1	5
Communication error	CYOW	1	0	1	0	0	2	0	1	0	0	0	0	5
	CYVR	0	1	0	1	2	1	2	1	0	1	0	1	10
	CYYZ	1	0	1	2	3	1	0	2	0	0	0	0	10



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		Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Total
Communication navigation surveillance/air traffic system	CYVR	0	0	1	0	0	2	0	2	0	3	1	2	11
	CYYZ	0	1	1	5	4	1	3	2	0	2	0	1	20
Conflict - IFR & VFR	CYVR	0	0	0	2	0	0	0	0	0	0	0	0	2
Conflict - loss of separation	CYOW	0	0	0	0	0	0	2	0	0	0	0	0	2
	CYVR	0	0	0	6	2	0	0	0	0	0	0	0	8
	CYYZ	0	4	0	2	0	0	4	2	0	4	0	2	18
Conflict - potential	CYOW	0	0	2	2	0	0	0	0	0	0	0	2	6
	CYVR	2	0	0	0	0	2	0	2	0	0	0	0	6
	CYYZ	2	0	2	0	4	4	0	0	0	0	0	0	12
Controlled airspace - unauthorized entry	CYOW	1	0	2	1	1	3	0	2	0	0	0	0	10
	CYVR	0	0	0	1	0	1	2	0	0	1	0	0	5
	CYYZ	1	0	1	5	2	1	0	0	1	2	0	0	13
Crew incapacitation	CYVR	0	0	1	0	1	0	0	0	0	0	2	0	4
	CYYZ	1	0	2	3	0	0	0	0	0	1	0	0	7
Declared emergency/priority	CYOW	0	0	0	1	1	0	0	0	0	1	2	0	5
	CYVR	1	6	2	2	2	2	3	4	2	5	4	1	34
	CYYZ	7	4	7	8	7	3	4	3	3	2	2	2	52
Decompression/pressurization	CYVR	0	0	2	0	0	0	0	0	1	0	0	0	3
	CYYZ	1	0	0	0	0	0	0	0	0	0	0	0	1



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		Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Total
Disruptive passenger	CYOW	0	0	0	0	0	1	0	0	0	0	0	0	1
	CYVR	0	2	0	0	0	0	3	0	3	4	0	2	14
	CYYZ	0	2	2	1	2	0	2	3	3	1	3	2	21
Diversion	CYOW	0	0	0	0	1	0	0	0	0	0	1	0	2
	CYVR	2	8	2	3	4	3	1	2	1	6	5	3	40
	CYYZ	6	2	5	4	5	2	2	3	3	2	2	4	40
Door/canopy openings indications	CYVR	0	0	0	0	1	0	0	0	1	0	0	0	2
Electrical problem	CYOW	0	0	1	0	0	0	0	0	0	0	1	0	2
	CYVR	0	0	0	0	0	1	0	0	0	0	0	1	2
	CYYZ	0	0	0	0	1	0	0	0	1	0	0	1	3
ELT	CYOW	2	0	0	0	0	2	1	0	0	1	0	0	6
	CYVR	0	0	0	0	0	0	0	1	0	1	0	2	4
	CYYZ	2	1	0	1	0	1	0	0	3	2	1	2	13
Engine - malfunction	CYOW	1	0	0	1	1	0	0	1	0	0	1	1	6
	CYVR	1	0	1	1	1	1	1	1	0	0	0	0	7
	CYYZ	0	0	0	0	1	0	1	0	1	0	0	0	3
Engine failure	CYOW	0	0	0	0	0	0	0	0	0	1	0	0	1
	CYVR	0	0	0	0	1	0	0	0	0	0	0	0	1
Engine oil problem	CYVR	1	1	0	0	0	0	0	0	0	0	0	0	2



Aerodrome Detail Report - TC

2015 - 2017

		Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Total
Engine oil problem	CYYZ	0	1	2	0	0	0	1	0	0	0	0	0	4
Engine shut down	CYVR	1	0	0	0	0	0	0	1	0	1	0	1	4
	CYYZ	0	1	1	0	0	0	1	0	1	0	0	0	4
Evacuation (aircraft)	CYVR	2	0	0	0	0	1	0	0	0	0	0	0	3
False indication warning	CYVR	0	1	1	0	0	0	0	0	0	0	0	1	3
	CYYZ	0	0	0	0	0	1	1	0	0	0	0	0	2
False warning - smoke or fire	CYOW	0	0	0	0	0	0	0	0	0	0	1	0	1
	CYVR	0	0	0	0	0	0	0	0	0	1	0	1	2
Fire - aircraft (cockpit, cargo or passenger area)	CYYZ	0	0	0	0	1	0	0	0	0	0	0	0	1
Fire - engine	CYYZ	0	0	0	0	0	0	1	0	0	0	0	0	1
Flight control systems (ailerons, rudder, rotors, flaps, main, tail)	CYOW	0	1	0	0	1	0	0	0	0	0	0	0	2
	CYVR	1	0	1	0	0	2	2	0	0	0	0	1	7
	CYYZ	4	1	5	3	0	2	3	2	0	0	1	1	22
Flight instrument failure	CYYZ	0	0	1	0	0	0	0	0	0	0	1	1	3
Flight plan – activation	CYOW	0	0	0	2	0	0	2	0	0	1	1	0	6
	CYVR	0	0	0	0	0	0	0	3	0	0	0	0	3
	CYYZ	0	0	0	0	0	0	0	0	0	1	0	0	1
Flight plan – information	CYOW	0	0	1	0	0	0	0	0	0	0	0	0	1
	CYVR	0	0	0	0	0	1	0	0	0	0	1	2	4



FOR EXAMPLE - CANADA

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Flight plan – information	CYYZ	0	0	0	2	0	0	0	0	0	0	0	0	2
FOD (foreign object debris)	CYOW	0	0	0	0	0	3	1	0	0	1	0	1	6
	CYVR	4	5	1	0	2	4	2	2	0	4	3	0	27
	CYYZ	2	1	3	3	5	5	4	4	2	5	1	3	38
Fuel - dumping	CYVR	0	0	0	0	0	0	0	0	0	1	0	0	1
	CYYZ	0	0	0	1	0	0	0	0	0	1	0	0	2
Fuel - leak	CYYZ	0	0	0	0	0	0	0	0	1	0	0	0	1
Fuel - low/declared minimum	CYOW	0	0	0	0	0	0	0	0	0	0	1	0	1
	CYVR	0	0	0	0	0	0	0	0	0	0	1	0	1
	CYYZ	0	1	1	1	1	0	0	0	0	0	0	1	5
Fuel - other	CYVR	0	0	0	2	0	0	0	0	0	0	0	1	3
Ground handling services	CYVR	0	0	0	0	0	0	0	0	0	1	0	0	1
	CYYZ	0	1	0	0	0	0	0	0	0	0	0	0	1
Hydraulic problem	CYVR	0	2	0	0	0	0	0	2	1	2	2	0	9
	CYYZ	0	0	1	1	3	0	1	0	0	2	0	0	8
Incursion - manoeuvring area	CYVR	1	6	4	5	7	4	5	2	0	1	3	6	44
	CYYZ	1	0	0	2	6	1	0	1	1	0	1	0	13
Incursion - runway - aircraft	CYOW	0	0	0	0	0	0	0	1	0	0	0	0	1
	CYVR	0	0	0	1	0	1	0	0	1	0	0	2	5



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Incursion - runway - aircraft	CYYZ	1	1	2	3	0	2	1	3	0	0	1	1	15
Incursion - runway - animal	CYVR	1	0	0	0	0	0	0	0	1	0	0	1	3
	CYYZ	0	0	1	2	1	0	1	1	0	1	0	1	8
Incursion - runway - vehicle	CYYZ	0	1	0	1	3	0	0	1	0	1	0	2	9
Landing gear	CYOW	1	0	0	0	0	0	0	0	0	0	1	0	2
	CYVR	3	5	2	0	0	1	0	1	2	3	3	0	20
	CYYZ	6	1	1	3	1	1	2	3	0	0	1	5	24
Laser interference	CYOW	0	0	0	1	0	0	1	1	2	0	0	0	5
	CYVR	1	0	0	1	0	0	0	0	0	1	0	0	3
	CYYZ	2	1	0	1	0	0	1	2	1	4	4	0	16
Loss of control - inflight	CYVR	0	0	0	0	1	0	0	0	0	0	0	0	1
Mechanical/technical malfunction of aircraft - other	CYOW	0	0	1	3	0	0	1	2	1	0	1	1	10
	CYVR	0	1	0	1	0	0	0	0	0	0	2	1	5
	CYYZ	3	0	2	2	0	0	3	0	1	0	0	1	12
Medical emergency	CYOW	0	0	0	0	1	0	0	0	0	1	0	0	2
	CYVR	0	1	0	1	0	2	1	1	0	0	0	1	7
	CYYZ	7	2	2	2	2	2	1	2	1	4	4	2	31
Navigation assistance	CYOW	1	0	0	0	0	0	0	0	0	0	0	0	1
Navigation error	CYOW	1	0	2	0	3	3	2	0	0	0	1	1	13



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Navigation error	CYVR	6	6	12	6	6	2	5	0	0	3	4	5	55
	CYYZ	6	4	5	12	12	5	4	4	2	5	1	1	61
Not Applicable	CYOW	0	0	0	0	0	0	0	0	0	0	0	0	0
	CYVR	0	0	0	0	0	0	0	0	0	0	0	0	0
	CYYZ	0	0	0	0	0	0	0	0	0	0	0	0	0
Other operational incident	CYOW	1	0	1	0	0	0	0	0	1	0	0	0	3
	CYVR	1	1	1	1	1	0	0	1	2	0	0	1	9
	CYYZ	3	2	0	2	3	1	0	0	1	2	0	0	14
Overshoot/missed approach	CYOW	5	7	4	5	9	9	5	4	4	2	5	10	69
	CYVR	12	21	8	19	17	20	18	18	10	9	14	12	178
	CYYZ	50	46	43	50	54	50	59	66	53	33	24	57	585
Rejected take-off	CYOW	2	0	2	3	0	0	0	2	0	1	1	3	14
	CYVR	0	2	0	0	0	0	0	1	0	0	0	2	5
	CYYZ	3	0	1	3	7	6	0	4	2	1	3	1	31
Runway excursion	CYYZ	0	1	0	0	0	0	0	0	0	0	0	0	1
Security acts	CYYZ	0	0	0	0	0	0	0	0	0	1	0	0	1
Smoke/fumes - aircraft	CYOW	0	0	1	0	0	0	0	0	0	0	0	0	1
	CYVR	2	0	0	0	1	2	0	0	0	0	2	1	8
	CYYZ	1	1	1	1	1	0	0	1	1	0	0	1	8



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Tail strike	CYYZ	0	0	0	0	0	0	0	0	0	0	1	0	1
Take-off without clearance	CYOW	0	0	0	0	0	0	0	0	2	0	0	0	2
	CYVR	0	0	0	0	0	0	1	0	0	0	0	0	1
TCAS alert	CYVR	0	2	3	3	1	0	0	1	0	1	2	1	14
	CYYZ	1	1	2	2	2	0	0	1	0	0	0	0	9
Wake turbulence/vortices	CYOW	0	0	0	0	0	0	0	0	0	0	0	1	1
	CYVR	2	1	0	0	6	4	1	2	2	2	1	2	23
	CYYZ	1	3	2	4	5	1	0	5	3	8	7	1	40
Weather - clear air turbulence (CAT)/turbulence	CYOW	0	0	0	0	0	0	0	0	0	0	1	0	1
	CYYZ	0	0	0	0	1	0	0	0	0	0	0	0	1
Weather - icing	CYOW	0	0	1	0	0	0	0	0	0	0	0	0	1
Weather - lightning	CYVR	0	1	0	0	1	0	0	0	0	0	0	0	2
Weather - other	CYVR	0	0	0	0	0	0	0	0	0	0	1	0	1
	CYYZ	0	0	0	1	3	0	0	3	0	0	0	0	7
Weather - visibility	CYYZ	0	1	0	0	0	0	0	0	0	0	0	0	1
Weather - wind	CYOW	0	0	0	0	0	0	1	0	0	0	1	0	2
	CYVR	0	0	0	2	0	0	0	0	0	1	0	0	3
	CYYZ	0	4	0	3	1	0	0	0	1	2	0	1	12
Weather - wind shear	CYOW	0	0	0	0	1	3	0	0	0	0	1	0	5

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Weather - wind shear	CYVR	0	0	0	0	0	0	0	0	0	0	1	0	1
	CYYZ	1	6	5	3	2	5	0	0	1	2	0	0	25
Weather balloon, meteor, rocket, CIRVIS/UFO	CYVR	0	0	0	0	1	0	0	0	0	0	0	0	1
	CYYZ	0	0	1	0	0	0	0	0	0	0	0	0	1
Wing strike	CYYZ	0	0	0	0	0	0	0	2	0	0	0	0	2