Alaska Accident Statistics

Updated through May, FY12

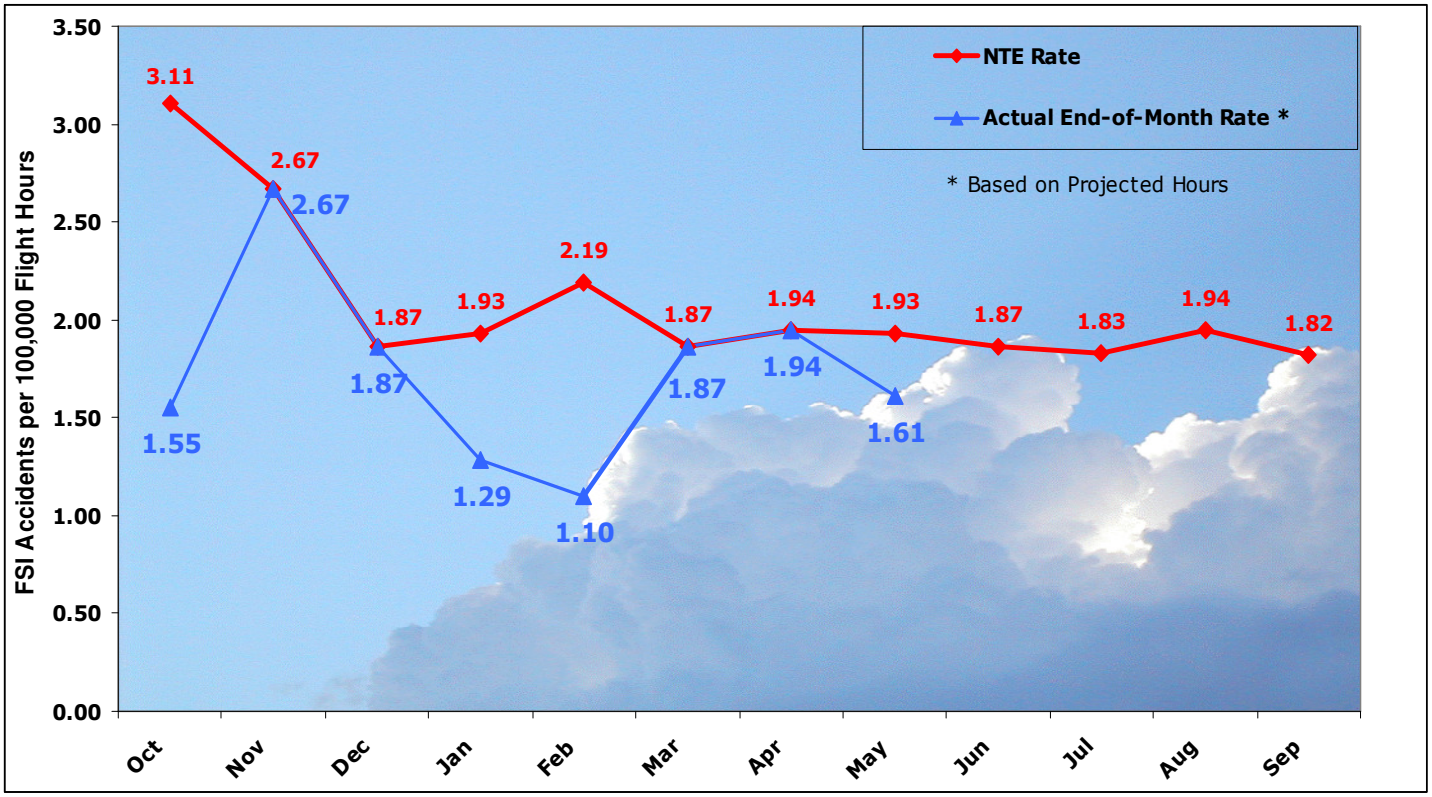
Alaskan Region Flight Standards Division
Safety Analysis and Evaluation Branch, AAL-290

Flight Standards Alaskan Region
Fatal and Serious Injury (FSI) Safety Metric

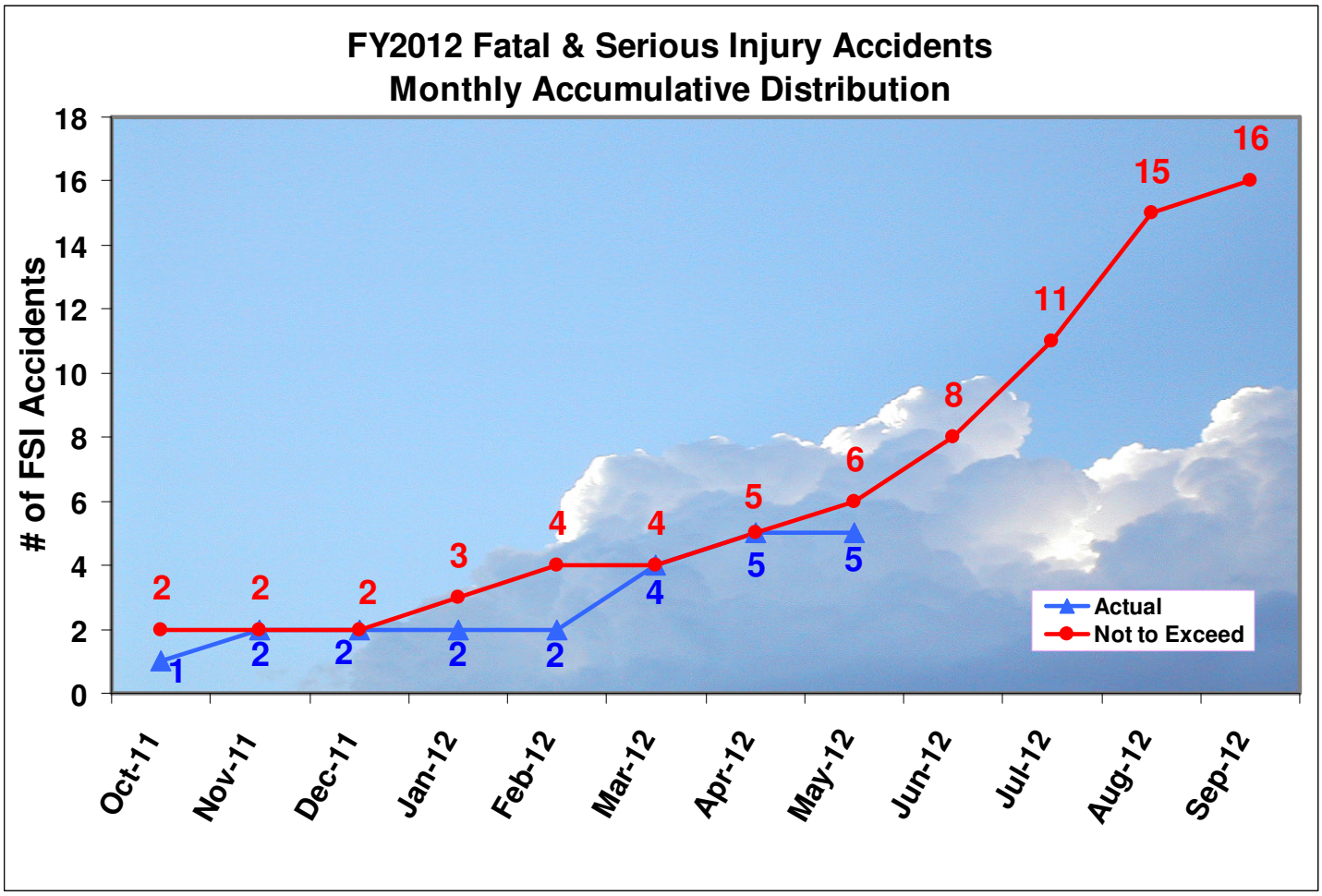
Background: At the beginning of FY10, Alaska rolled out a new rate-based safety metric; Fatal and Serious Injuries (FSI)/per 100,000 flight hours. Converting the Alaskan Region to a rate-based metric was objective #2 under *Increased Safety*, in the *FAA Administrator's Flight Plan*.

Performance Goal: Using an average of FY06-08 as the metric baseline (1.88 FSI/100,000 hours), reduce FSI accidents in Alaska by 10% over a 10-year period. The performance goal for FY12 is a not-to-exceed (NTE) rate of 1.82. This translates to no more than 16 FSI Accidents.

FSI Safety Metric through May, FY12

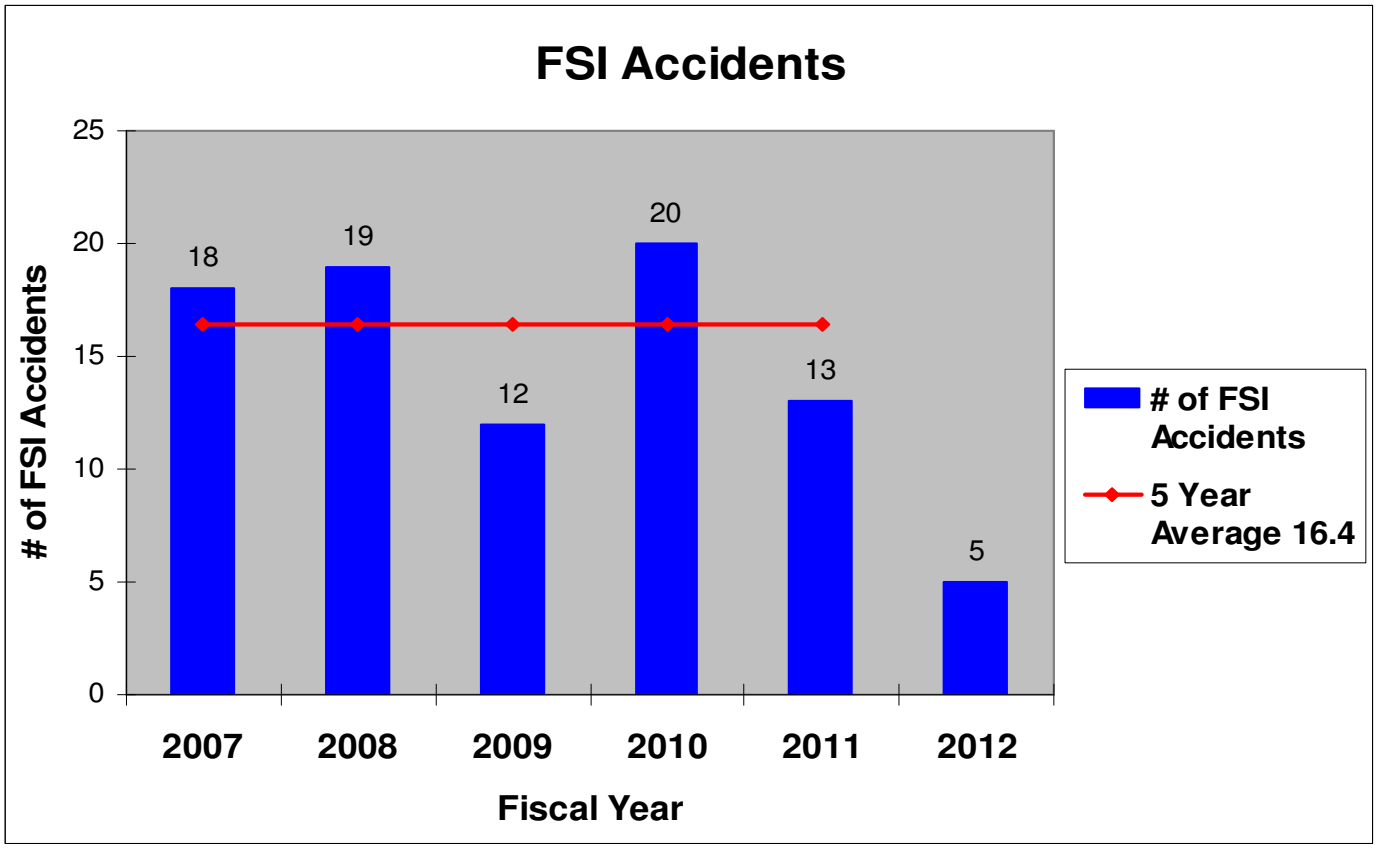


Monthly Performance Summary: The Alaskan Region ended the month of May with five FSI accidents. (Fiscal YTD)



	FY to Dt Actual	Not to Exceed
Oct-11	1	2
Nov-11	2	2
Dec-11	2	2
Jan-12	2	3
Feb-12	2	4
Mar-12	4	4
Apr-12	5	5
May-12	5	6
Jun-12		8
Jul-12		11
Aug-12		15
Sep-12		16

FAA Alaska Performance Goal
Fatal/Serious Injury (FSI) Accidents
GA & Part 135



AK PERFORMANCE GOAL FATAL/SERIOUS INJURY (FSI) ACCIDENTS (GA & PART 135)

FY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	TOTAL
2007	1	1	1	1	0	0	0	2	3	1	4	4	18
2008	1	1	2	2	1	0	2	1	3	1	3	2	19
2009	2	0	0	0	1	0	1	0	2	2	3	1	12
*2010	1	0	1	1	0	3	0	1	2	3	5	3	20
2011	0	0	0	0	0	0	0	2	1	5	2	3	13
2012	1	1	0	0	0	2	1	0					
5 Yr. Ave.	1	0.4	0.6	0.6	0.4	1	0.8	0.8	2.2	2.4	3.4	2.6	16.4
MAX	2	1	2	2	1	3	2	2	3	5	5	4	20
MIN	0	0	0	0	0	0	0	0	1	1	2	1	12

*2010-First year the FAA performance goal is based on fatal or serious injury (FSI) accidents

ALASKAN REGION FLIGHT STANDARDS DIVISION
MAY FY12
SIGNIFICANT ALASKAN EVENTS

- An SC7 operating under Part 135 landed on a rough gravel road resulting in structural damage
- A PA-18 was damaged hitting a bump on takeoff
- An M-4 had the fuel selector in the wrong position and crashed on takeoff
- A student pilot in a PA-22 ground looped on landing and went off the runway
- A CE-210 landed with the landing gear up
- A DHC-2 operating under Part 135 nosed over on landing
- A BE-1900 operating under Part 135 struck tail on runway during takeoff
- The wing of a PA-18 caught a tree during landing in crosswind conditions
- A L-8F nosed over on landing

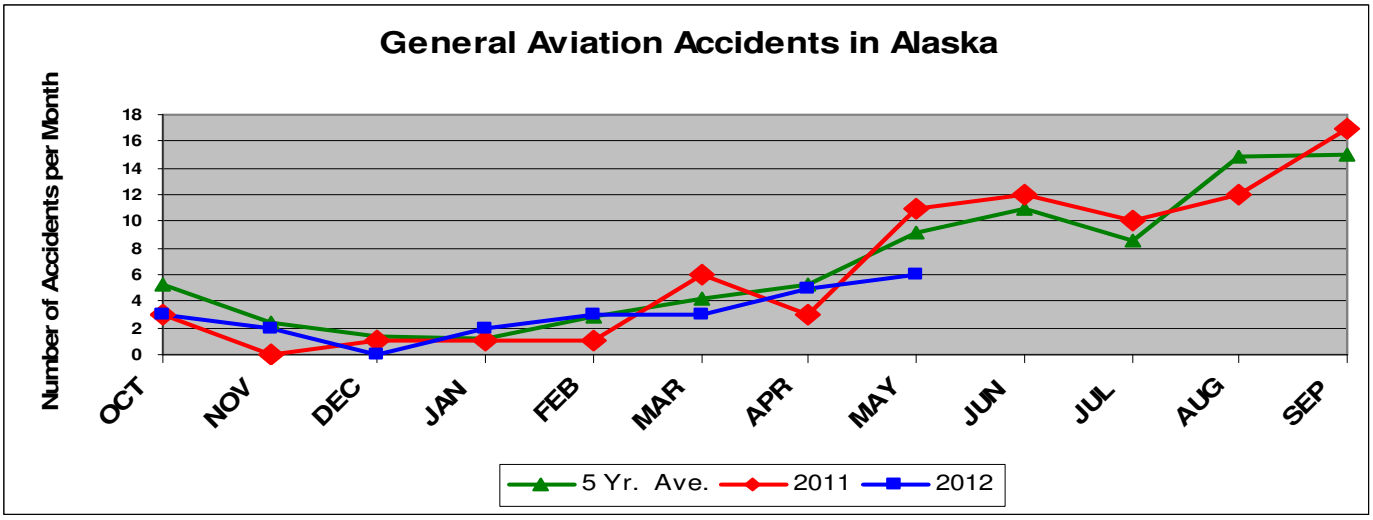
Note: All accident data presented in this report is preliminary and subject to change, reclassification, or downgrading. The source of the air carrier data in this report is from the National Transportation Safety Board.

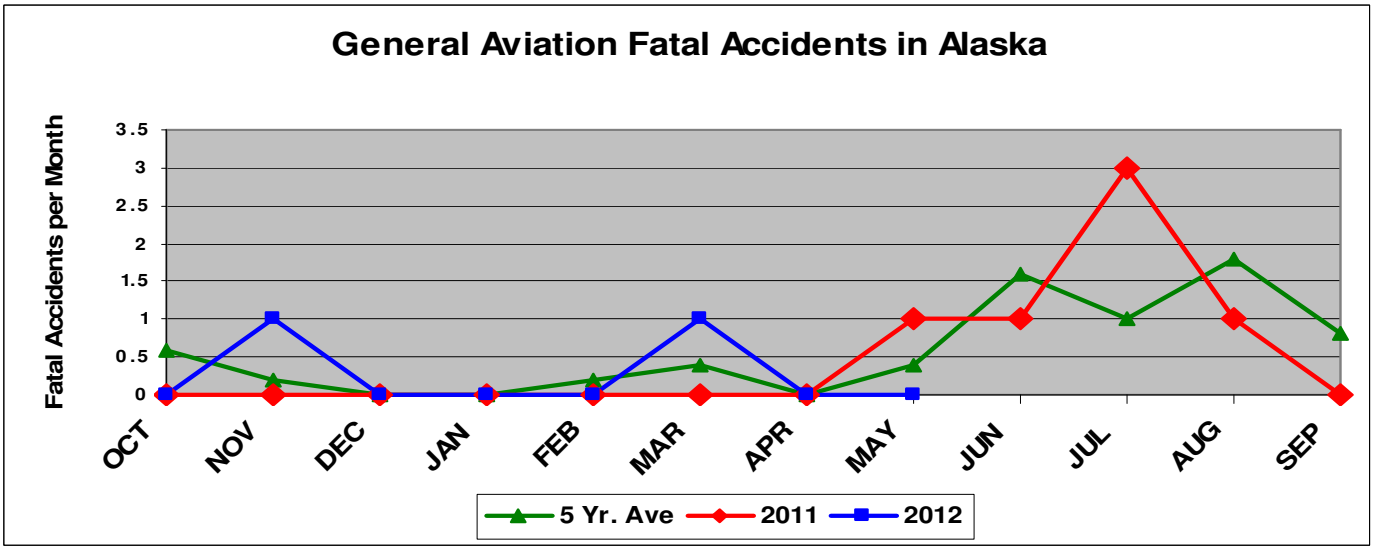
ALASKAN REGION
MONTHLY AIRCRAFT ACCIDENT SUMMARY
MAY 2012 (FISCAL YEAR 2012)

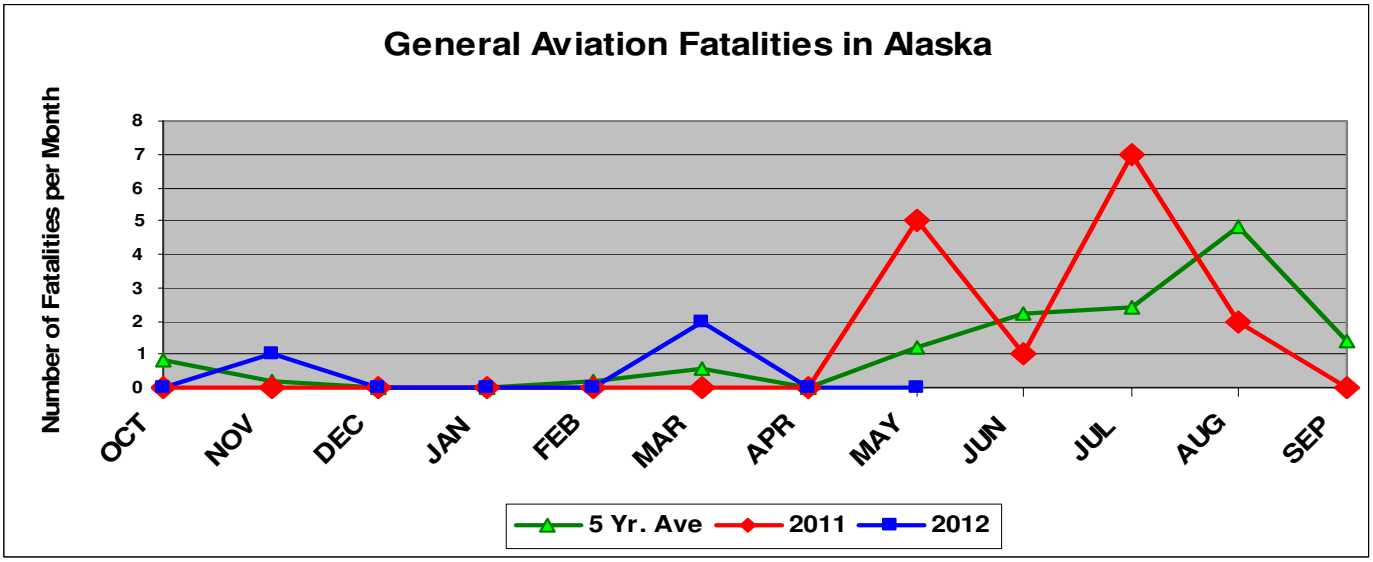
			May 5-YEAR		
	FY 2012	FY 2011	High	Low	Average
General Aviation*	6	11	11	6	9.2
Fatal Accidents	0	1	1	0	0.4
Fatalities	0	5	5	0	1.2
Air Carrier (Part 135)	3	1	3	0	1.4
Fatal Accidents	0	0	0	0	0
Fatalities	0	0	0	0	0
Air Carrier (Part 121)	0	0	0	0	0
Fatal Accidents	0	0	0	0	0
Fatalities	0	0	0	0	0
Total Accidents	9	12	13	8	10.6
Fatal	0	1	1	0	0.4
Fatalities	0	5	5	0	1.2

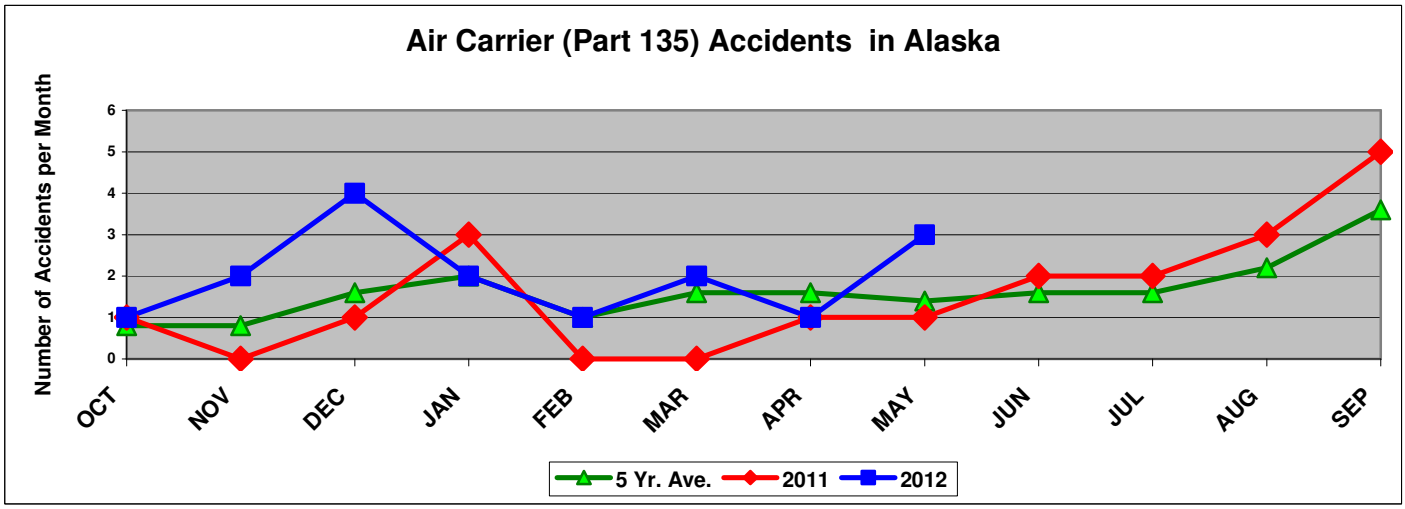
*(General Aviation includes Parts 91, 133, 137, 125, 129 & Public Use)

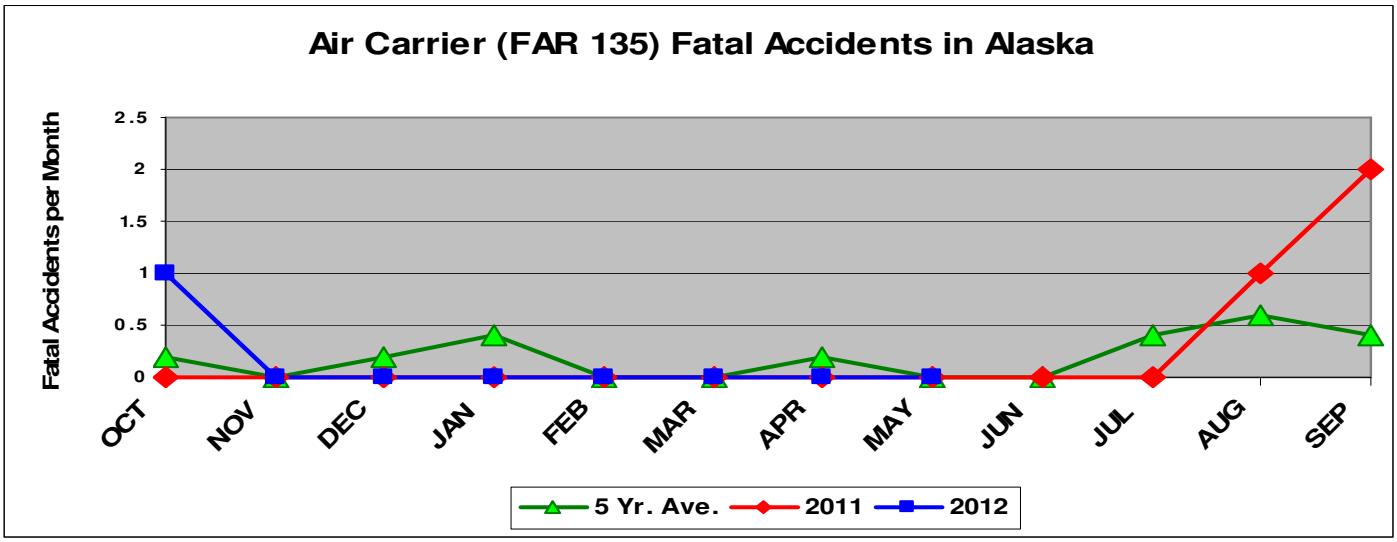
This document is for comparison only.
Totals frequently change due to reclassification.

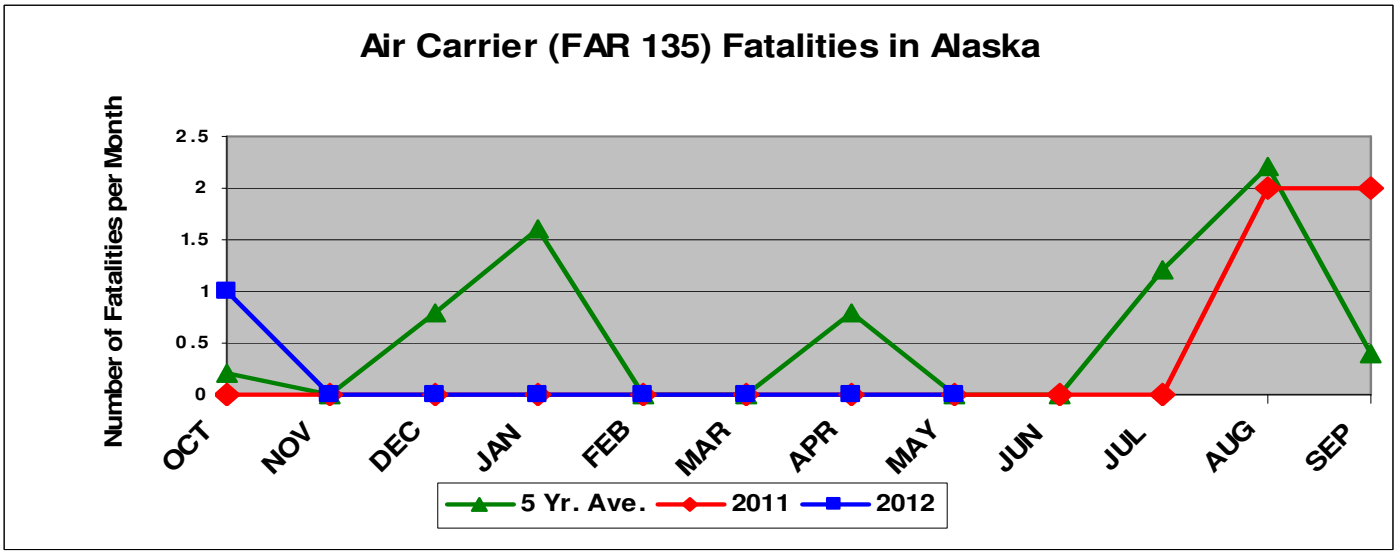

General Aviation Accidents in Alaska
Number of Accidents per Month
18
16
14
12
10
8
6
4
2
0
OCT
NOV
DEC
JAN
FEB
MAR
APR
MAY
JUN
JUL
AUG
SEP
5 Yr. Ave.
2011
2012

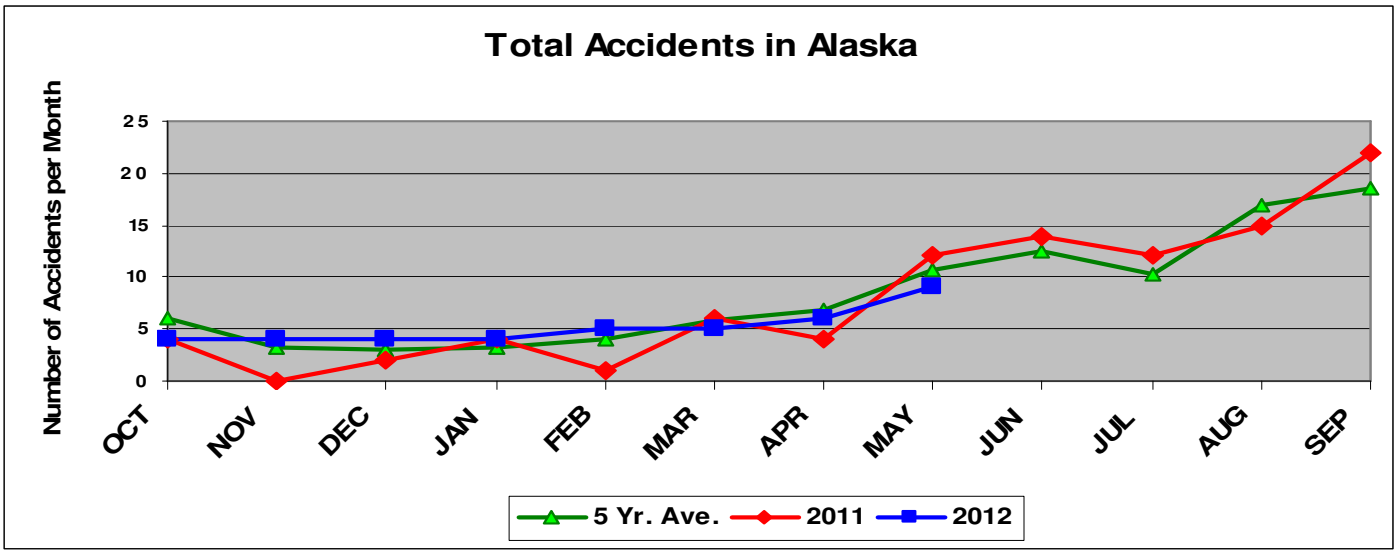

General Aviation Fatal Accidents in Alaska
Fatal Accidents per Month
3.5
3
2.5
2
1.5
1
0.5
0
OCT
NOV
DEC
JAN
FEB
MAR
APR
MAY
JUN
JUL
AUG
SEP
5 Yr. Ave
2011
2012

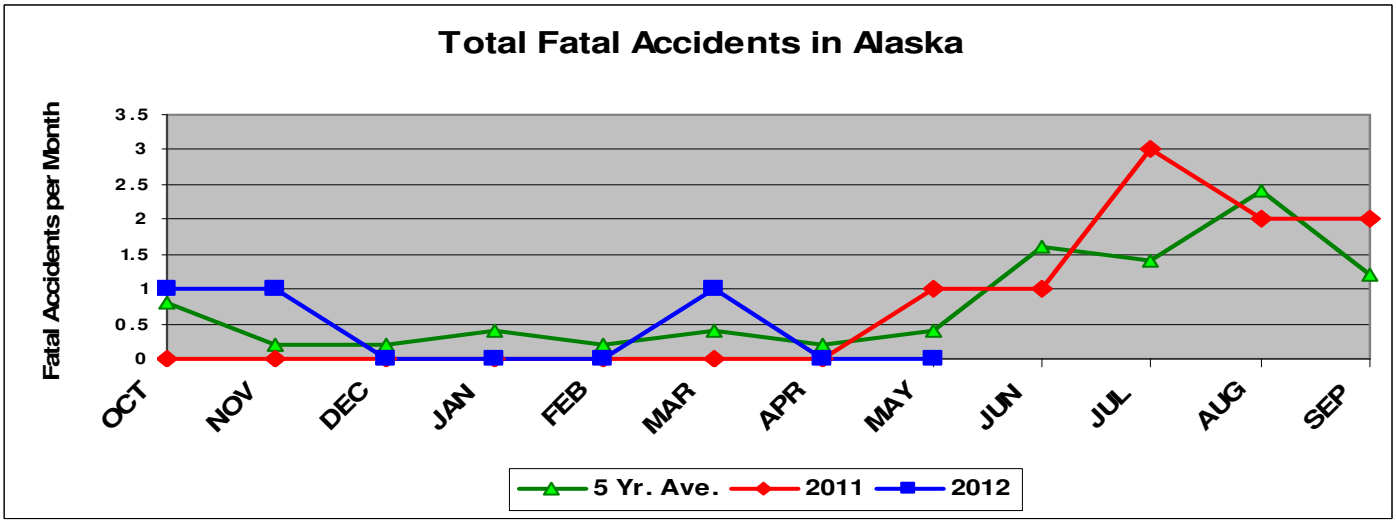

General Aviation Fatalities in Alaska
Number of Fatalities per Month
8
7
6
5
4
3
2
1
0
OCT
NOV
DEC
JAN
FEB
MAR
APR
MAY
JUN
JUL
AUG
SEP
5 Yr. Ave
2011
2012

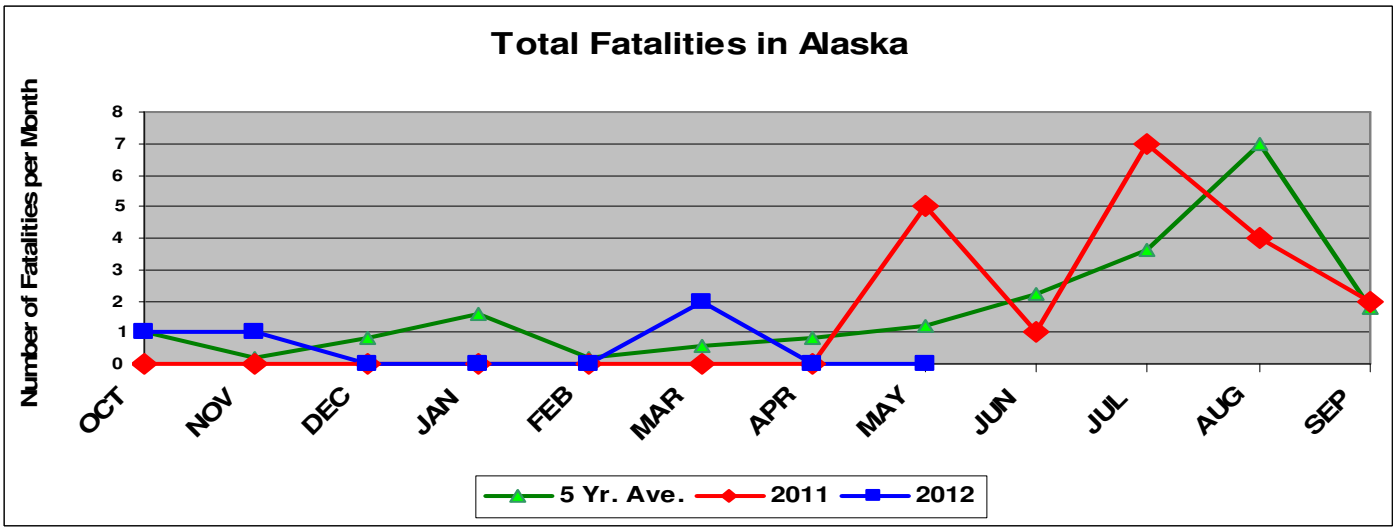

Air Carrier (Part 135) Accidents in Alaska
Number of Accidents per Month
6
5
4
3
2
1
0
OCT
NOV
DEC
JAN
FEB
MAR
APR
MAY
JUN
JUL
AUG
SEP
5 Yr. Ave.
2011
2012


Air Carrier (FAR 135) Fatal Accidents in Alaska
Fatal Accidents per Month
2.5
2
1.5
1
0.5
0
OCT
NOV
DEC
JAN
FEB
MAR
APR
MAY
JUN
JUL
AUG
SEP
5 Yr. Ave.
2011
2012


Air Carrier (FAR 135) Fatalities in Alaska
Number of Fatalities per Month
2.5
2
1.5
1
0.5
0
OCT
NOV
DEC
JAN
FEB
MAR
APR
MAY
JUN
JUL
AUG
SEP
5 Yr. Ave.
2011
2012


Total Accidents in Alaska
Number of Accidents per Month
25
20
15
10
5
0
OCT
NOV
DEC
JAN
FEB
MAR
APR
MAY
JUN
JUL
AUG
SEP
5 Yr. Ave.
2011
2012


Total Fatal Accidents in Alaska
Fatal Accidents per Month
3.5
3
2.5
2
1.5
1
0.5
0
OCT
NOV
DEC
JAN
FEB
MAR
APR
MAY
JUN
JUL
AUG
SEP
5 Yr. Ave.
2011
2012


Total Fatalities in Alaska
Number of Fatalities per Month
8
7
6
5
4
3
2
1
0
OCT
NOV
DEC
JAN
FEB
MAR
APR
MAY
JUN
JUL
AUG
SEP
5 Yr. Ave.
2011
2012

AIRCRAFT ACCIDENTS IN ALASKA
STATISTICAL DATA REVIEW BY FISCAL YEAR (FY)

GENERAL AVIATION TOTAL

FY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	TOTAL
2007	3	1	0	2	3	3	4	6	13	8	19	13	75
2008	8	5	2	1	4	6	8	7	13	8	17	10	89
2009	6	2	2	0	4	1	8	11	10	9	12	17	82
2010	6	3	2	2	2	5	2	11	7	8	14	18	80
2011	3	0	1	1	1	6	3	11	12	10	12	17	77
2012	3	2	0	2	3	3	5	6					
5 Yr. Ave.	5.2	2.4	1.4	1.2	2.8	4.2	5.2	9.2	11	8.6	14.8	15	81.8
MAX	8	5	2	2	4	6	8	11	13	10	19	18	89
MIN	3	0	0	0	1	1	2	6	7	8	12	10	75

GENERAL AVIATION FATAL ACCIDENTS

FY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	TOTAL
2007	0	1	0	0	0	0	0	1	1	0	2	3	8
2008	0	0	0	0	1	0	0	0	2	1	2	1	7
2009	2	0	0	0	0	0	0	0	2	1	0	0	5
2010	1	0	0	0	0	1	0	1	2	0	4	0	9
2011	0	0	0	0	0	0	0	1	1	3	1	0	6
2012	0	1	0	0	0	1	0	0					
5 Yr. Ave	0.6	0.2	0	0	0.2	0.4	0	0.4	1.6	1	1.8	0.8	7.6
MAX	2	1	0	0	1	1	0	1	2	3	4	3	9
MIN	0	0	0	0	0	0	0	0	1	0	0	0	5

GENERAL AVIATION FATALITIES

FY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	TOTAL
2007	0	1	0	0	0	0	0	1	2	0	6	6	16
2008	0	0	0	0	1	0	0	0	2	3	4	1	11
2009	3	0	0	0	0	0	0	0	4	2	0	0	9
2010	1	0	0	0	0	1	0	1	2	0	12	0	17
2011	0	0	0	0	0	0	0	5	1	7	2	0	15
2012	0	1	0	0	0	2	0	0					
5 Yr. Ave	0.8	0.2	0	0	0.2	0.6	0	1.2	2.2	2.4	4.8	1.4	13.8
MAX	3	1	0	0	1	2	0	5	4	7	12	6	17
MIN	0	0	0	0	0	0	0	0	1	0	0	0	9

AIRCRAFT ACCIDENTS IN ALASKA
STATISTICAL DATA REVIEW BY FISCAL YEAR (FY)

AIR CARRIER TOTAL (FAR 135)

FY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	TOTAL
2007	1	0	1	2	1	1	1	1	4	1	1	3	17
2008	1	0	2	2	0	0	4	1	0	0	4	6	20
2009	1	2	1	0	3	2	1	2	1	4	1	3	21
2010	0	0	0	3	1	4	1	0	1	1	2	1	14
2011	1	0	1	3	0	0	1	1	2	2	3	5	19
2012	1	2	4	2	1	2	1	3					
5 Yr. Ave.	0.8	0.8	1.6	2	1	1.6	1.6	1.4	1.6	1.6	2.2	3.6	18.2
MAX	1	2	4	3	3	4	4	3	4	4	4	6	21
MIN	0	0	0	0	0	0	1	0	0	0	1	1	14

AIR CARRIER FATAL ACCIDENTS (PART 135)

FY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	TOTAL
2007	0	0	1	1	0	0	0	0	0	1	1	0	4
2008	0	0	1	1	0	0	1	0	0	0	0	0	3
2009	0	0	0	0	0	0	0	0	0	0	0	0	0
2010	0	0	0	1	0	0	0	0	0	1	1	0	3
2011	0	0	0	0	0	0	0	0	0	0	1	2	3
2012	1	0	0	0	0	0	0	0					
5 Yr. Ave.	0.2	0	0.2	0.4	0	0	0.2	0	0	0.4	0.6	0.4	2
MAX	1	0	1	1	0	0	1	0	0	1	1	2	4
MIN	0	0	0	0	0	0	0	0	0	0	0	0	0

AIR CARRIER FATALITIES (PART 135)

FY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	TOTAL
2007	0	0	2	1	0	0	0	0	0	5	5	0	13
2008	0	0	4	6	0	0	4	0	0	0	0	0	14
2009	0	0	0	0	0	0	0	0	0	0	0	0	0
2010	0	0	0	2	0	0	0	0	0	1	4	0	7
2011	0	0	0	0	0	0	0	0	0	0	2	2	4
2012	1	0	0	0	0	0	0	0					
5 Yr. Ave.	0.2	0	0.8	1.6	0	0	0.8	0	0	1.2	2.2	0.4	6.8
MAX	1	0	4	6	0	0	4	0	0	5	5	2	14
MIN	0	0	0	0	0	0	0	0	0	0	0	0	0

AIRCRAFT ACCIDENTS IN ALASKA
STATISTICAL DATA REVIEW BY FISCAL YEAR (FY)

TOTAL ACCIDENTS (All Events)

FY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	TOTAL
2007	4	1	2	4	4	4	5	7	17	9	20	16	93
2008	9	5	4	3	4	6	12	8	13	8	21	16	109
2009	7	4	3	0	7	3	9	13	11	13	13	20	103
2010	6	3	2	5	3	9	3	11	8	9	16	19	94
2011	4	0	2	4	1	6	4	12	14	12	15	22	96
2012	4	4	4	4	5	5	6	9					
5 Yr. Ave.	6	3.2	3	3.2	4	5.8	6.8	10.6	12.6	10.2	17	18.6	99
MAX	9	5	4	5	7	9	12	13	17	13	21	22	109
MIN	4	0	2	0	1	3	3	8	8	8	13	16	93

TOTAL FATAL ACCIDENTS (All Events)

FY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	TOTAL
2007	0	1	1	1	0	0	0	1	1	1	3	3	12
2008	0	0	1	1	1	0	1	0	2	1	2	1	10
2009	2	0	0	0	0	0	0	0	2	1	0	0	5
2010	1	0	0	1	0	1	0	1	2	1	5	0	12
2011	0	0	0	0	0	0	0	1	1	3	2	2	9
2012	1	1	0	0	0	1	0	0					
5 Yr. Ave.	0.8	0.2	0.2	0.4	0.2	0.4	0.2	0.4	1.6	1.4	2.4	1.2	9.6
MAX	2	1	1	1	1	1	1	1	2	3	5	3	12
MIN	0	0	0	0	0	0	0	0	1	1	0	0	5

TOTAL FATALITIES (All Events)

FY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	TOTAL
2007	0	1	2	1	0	0	0	1	2	5	11	6	29
2008	0	0	4	6	1	0	4	0	2	3	4	1	25
2009	3	0	0	0	0	0	0	0	4	2	0	0	9
2010	1	0	0	2	0	1	0	1	2	1	16	0	24
2011	0	0	0	0	0	0	0	5	1	7	4	2	19
2012	1	1	0	0	0	2	0	0					
5 Yr. Ave.	1	0.2	0.8	1.6	0.2	0.6	0.8	1.2	2.2	3.6	7	1.8	21.2
MAX	3	1	4	6	1	2	4	5	4	7	16	6	29
MIN	0	0	0	0	0	0	0	0	1	1	0	0	9