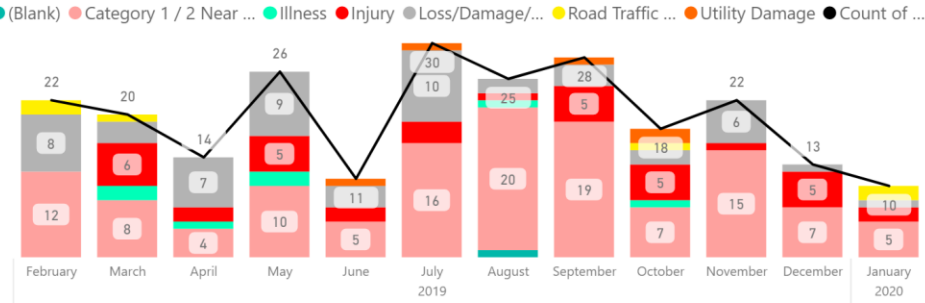


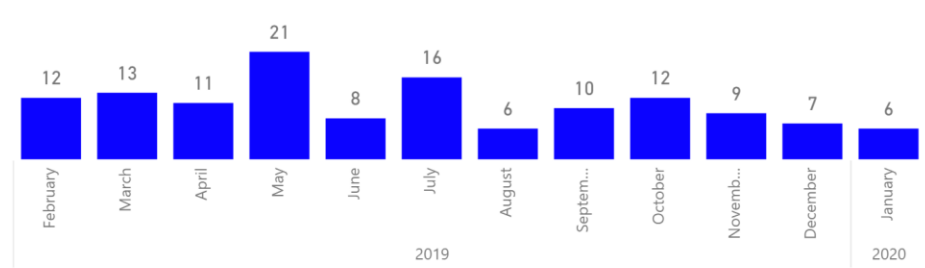
HSW Month-end Summary

Data Date: January 2020

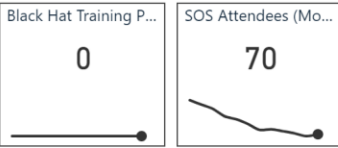
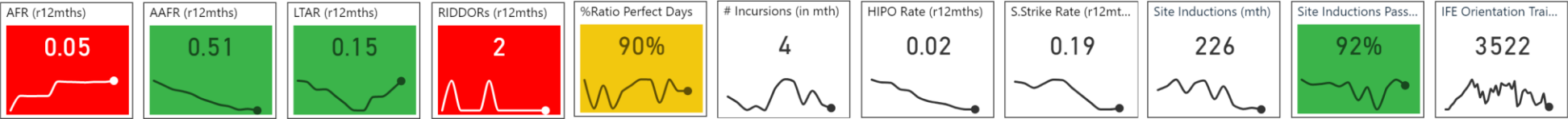
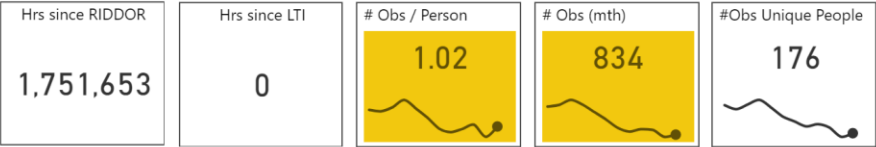
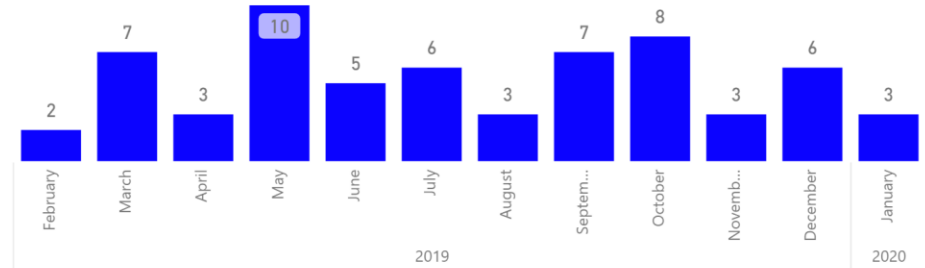
Incidents by Accident/Incident Category



Incidents by Accident/Incident Category Excluding Incursions



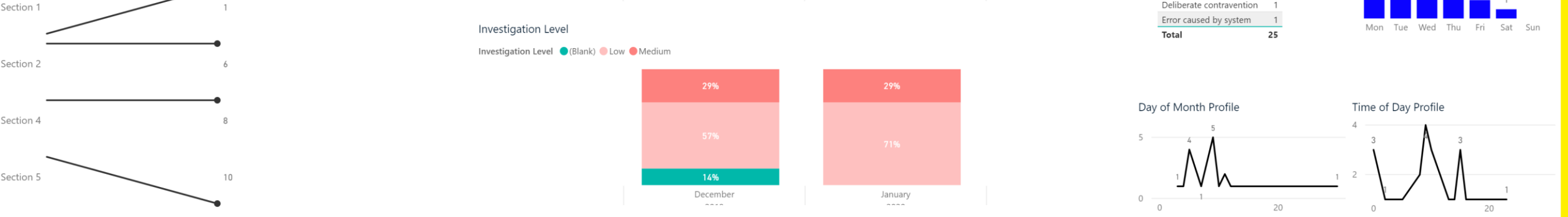
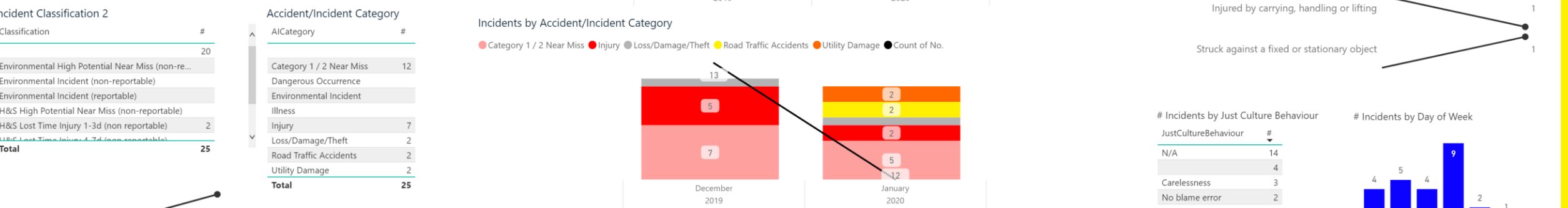
Incidents by Accident/Incident Category Excluding Incursions, illness, RTA, Damage/Loss



Measure	InMth	PrevMth	r12mths	r12mths PREV	2015	2016	2017	2018	2019	2020 YTD	Total
Hours Worked (IDT)	179,104	226,064	4,126,907	4,300,092	202,484	1,194,913	3,423,567	3,916,735	4,300,092	179,104	13,216,895
(IDT) A14 Office	59,979	63,053	1,275,497	1,344,475	13,358	414,449	1,046,853	1,338,935	1,344,475	59,979	4,218,049
(IDT) HE Office	3,000	3,000	46,000	47,000	3,332	37,656	45,000	52,000	47,000	3,000	187,988
(IDT) A14 Site	112,983	157,035	2,727,533	2,826,674	6,125	235,602	2,277,575	2,485,105	2,826,674	112,983	7,944,064
Off-site Design	5,484	637	75,426	79,582	138,701	394,883	78,901	60,247	79,582	5,484	757,798
All RIDDORs (reportable)			2	2			2		2		4
Fatality											
Specified Injury			2	2					2		2
Over 7d incapacitation (LTI)							2				2
Non-Workers (public)											
Occupational disease											
Lost Time Injury 4-7d							3	5			8
Lost Time Injury 1-3d	1	1	5	4		1	9	6	4	1	21
All Lost Time Injury	1	1	5	4		1	14	11	4	1	31
Lost Time (days)	1	1	49	48		1	199	33	48	1	282
Minor Incident (no lost time)	1	2	14	18		3	71	71	18	1	164
All injuries (no lost time)	2	3	21	24		4	85	82	24	2	197
High Potential (near miss)			1	1			17	22	1		40
Service Strikes	1	1	8	8		2	7	15	8	1	33
All SU Incidents	2		25	24			11	55	24	2	92
All Incidents	12	13	264	285		6	212	494	285	12	1,009
Observations (Hazard)	354	212	13,331	14,375	20	610	8,446	14,686	14,375	354	38,491
Observations (Good Practice)	480	381	16,411	17,567	1	216	4,046	15,760	17,567	480	38,070

Frequency Rates	r12mths	r12mths PREV	2015	2016	2017	2018	2019	2020 YTD	Total
Accident Frequency Rate (AFR)	0.05	0.05			0.06		0.05		0.03
Lost Time Injury Rate (LTIR)	0.12	0.09		0.08	0.41	0.28	0.09	0.56	0.23
All Accident Frequency Rate (AAFR)	0.51	0.56		0.33	2.48	2.09	0.56	1.12	1.49
Minor Incident Frequency Rate (IFR)	0.34	0.42		0.25	2.07	1.81	0.42	0.56	1.24
Service Strike Frequency Rate (SSFR)	0.19	0.19		0.17	0.2	0.38	0.19	0.56	0.25
High Potential Frequency Rate (HiPoFR)	0.02	0.02			0.5	0.56	0.02		0.3
Observation Frequency Rate (ObsFR)	720.69	742.82	10.37	69.13	364.88	778.17	742.82	465.65	579.52
Sickness Day Frequency Rate (SickFR)	42.73	46.44		30.64	59.9	63.06	46.44	36.19	52.57
Medical Appointment Frequency Rate (MedAFR)	5.63	5.5	1.86	173.76	43.15	7.67	5.5	11.71	31.14

No.	Open duration (days)	DATE OF ACCIDENT / INCIDENT	Section	LOCATION	SU	AI Category
1052		30/01/2020	Section 4	A14 WB - Chainage 46,200	No	Category 1 / 2 Near Miss
1051	15	29/01/2020	Section 4	A14 EB Chainage 40,995_x000D_	Yes	Category 1 / 2 Near Miss



### Incident Spreadsheet Diagnostics - Blank Values

Section	Date	Time	HEAirsWeb	SKANSKA_Ref	Costain_R
Section 1	100.0%	100.0%		100.0%	
Section 2	100.0%	100.0%	83.3%	100.0%	66.7
Section 4	100.0%	87.5%	100.0%	100.0%	87.5
Section 5	100.0%	100.0%	100.0%	100.0%	100.0

### # Incidents (in mth)

12

### # Incursions (in mth)

4

### REPORT Status

### ALERT Status

### Day of Month Profile

Day	Count
1	1
4	4
12	5
25	1

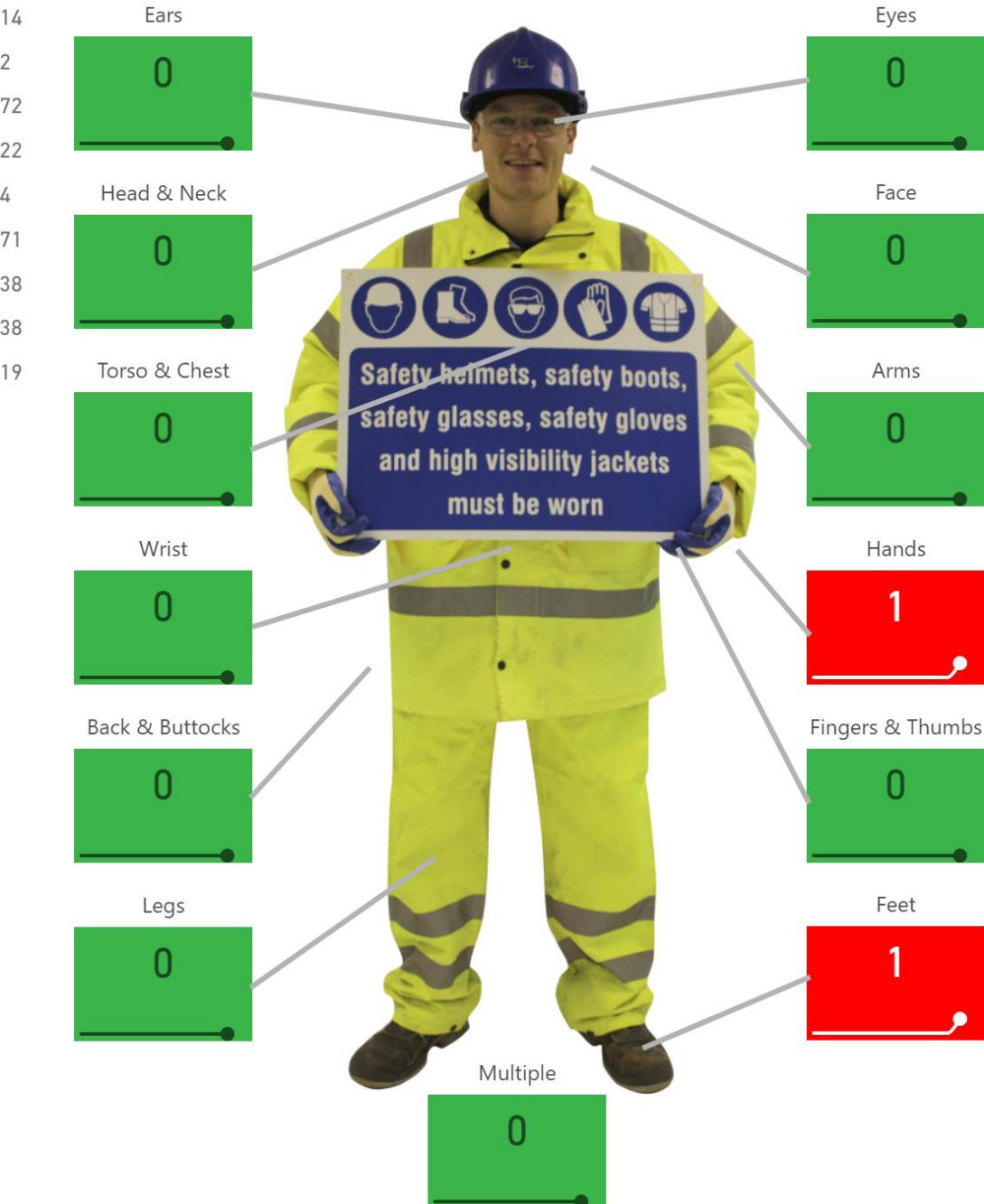
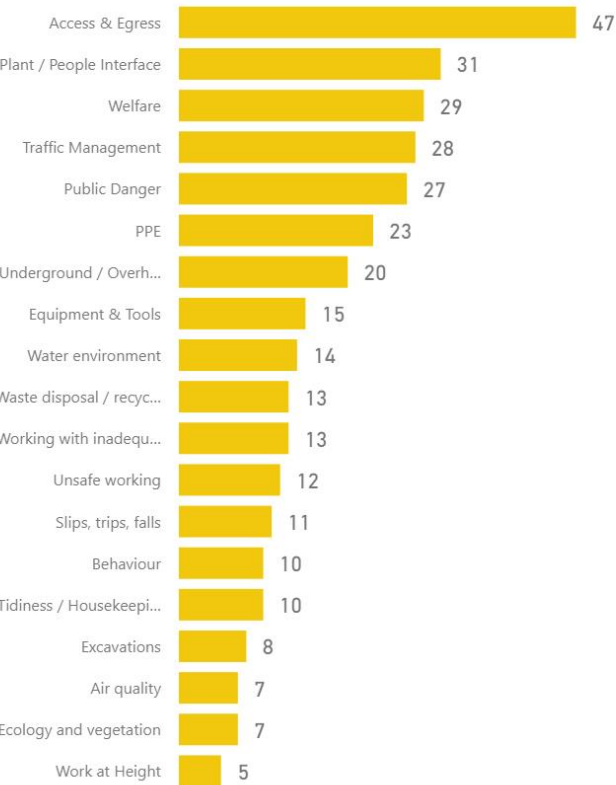
### Time of Day Profile

Time	Count
00:00	3
08:00	4
18:00	3

Targetted Risk Management

- Emergency Arrangements ●
- Environmental ●
- Equipment & Tools ●
- Excavations ●
- Lifting Operations ●
- Plant / People Interface ●
- Traffic Management ●
- Underground / Overhead Services ●
- Work at Height ●

Hazard Observations - Top 20

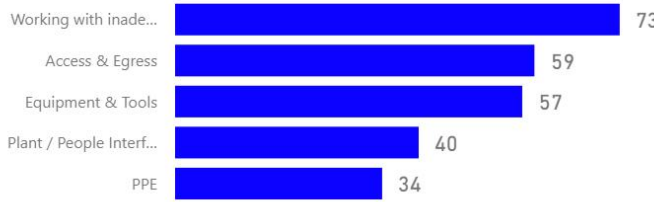


Section: All

Period: Last 1 Months (Calendar)

01/01/2020 - 31/01/2020

Good Practice Observations - Top 5



# Observations Mth: 834

# Observations in Period: 834

Hours Worked Mth: 179,106

Hours Worked in Period: 179,106

# Predict & Prevent 12mth pattern

Date

Last

1

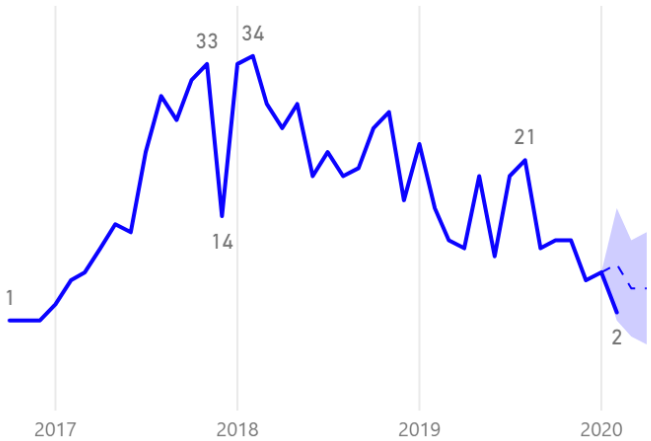
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Section

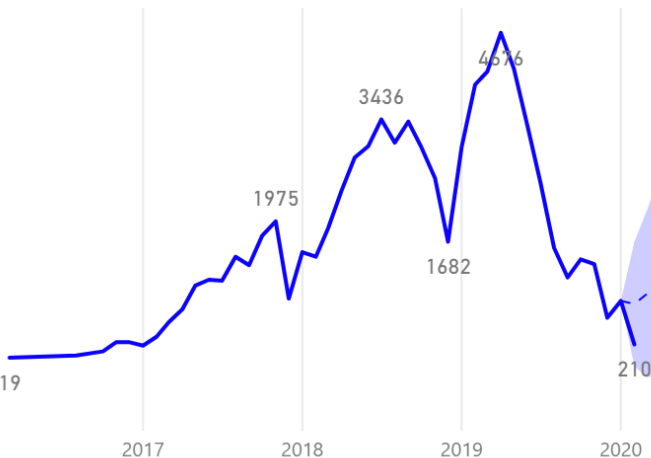
All

No filters applied

Incident Occurences with 12mth Seasonal Forecast



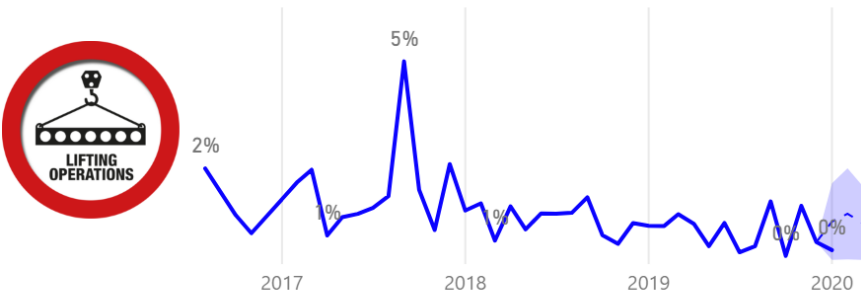
All Obs Hazards with 12mth Seasonal Forecast



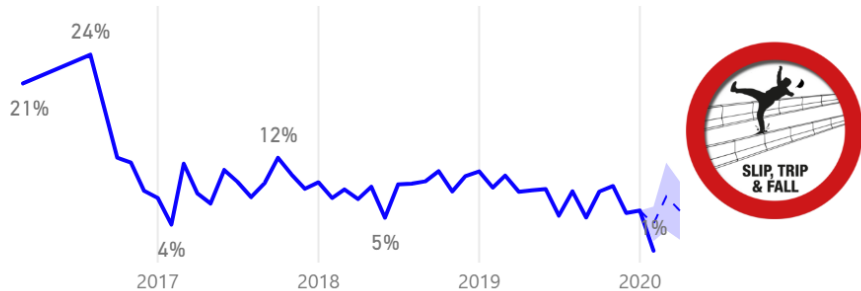
Plant/People Obs Hazards with 12mth Seasonal Forecast



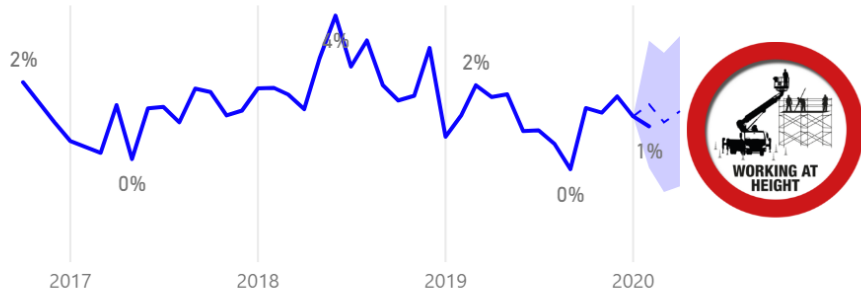
Lifting Obs Hazards with 12mth Seasonal Forecast



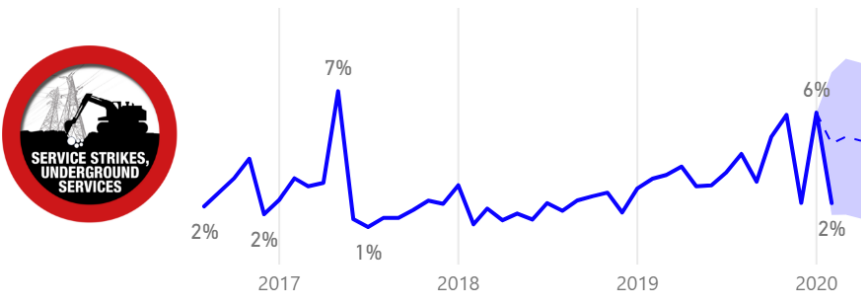
Slips/Trips/Falls Obs Hazards with 12mth Seasonal Forecast



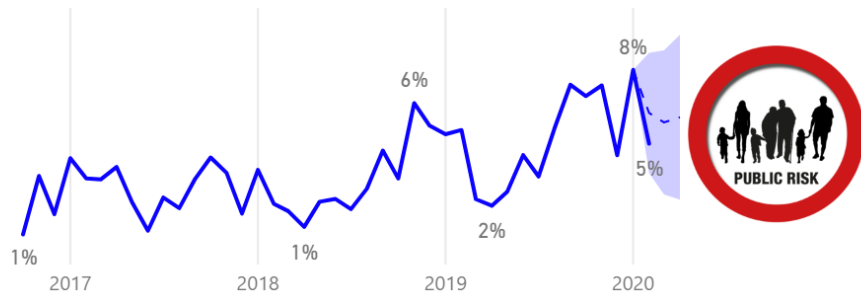
Work at Height Obs Hazards with 12mth Seasonal Forecast



Service Strike Obs Hazards with 12mth Seasonal Forecast



Public Danger Obs Hazards with 12mth Seasonal Forecast



Forecasting in Power BI is based on an established suite of methods for time series prediction called exponential smoothing which has a good track record in both academia and business, and has the advantage that it supresses noise, or unwanted variation that can distort the model while effciently capturing trends. The shaded band shows a 95% confidence level that statistically values will fall within the band.

Health - Timesheet Sickness & Medical Appointments

Period

Last

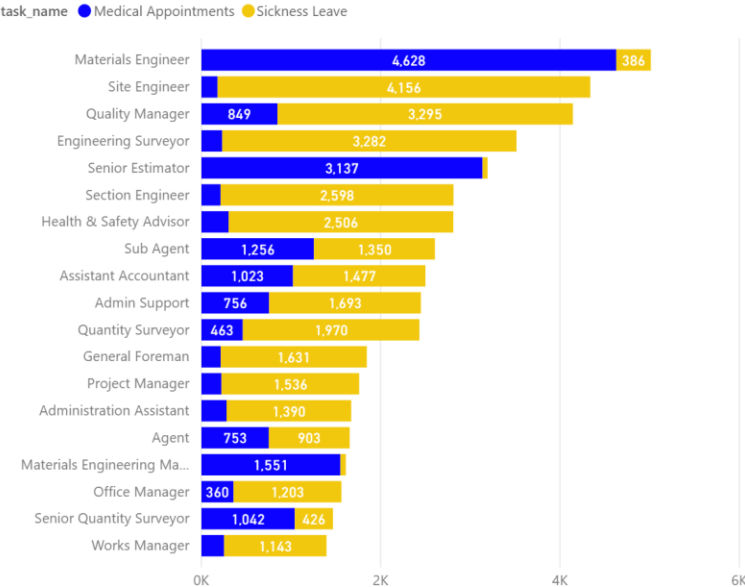
1

Select

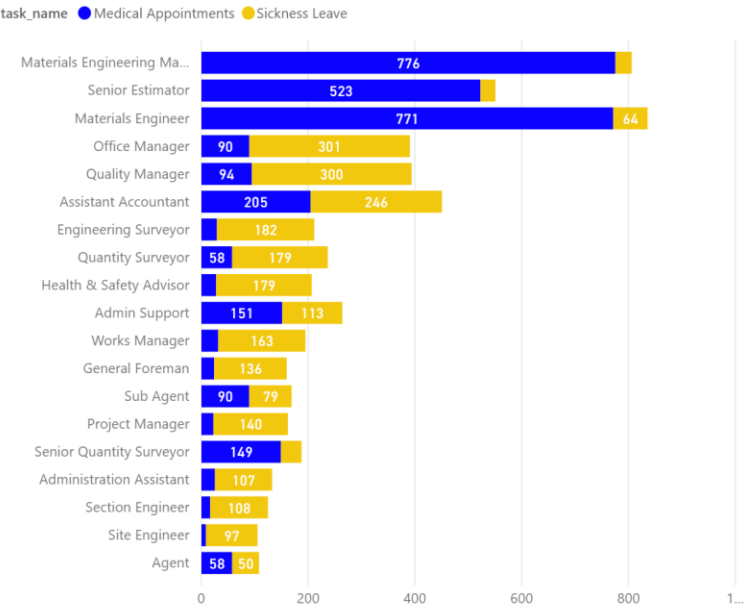
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Data Date  
31 January 2020

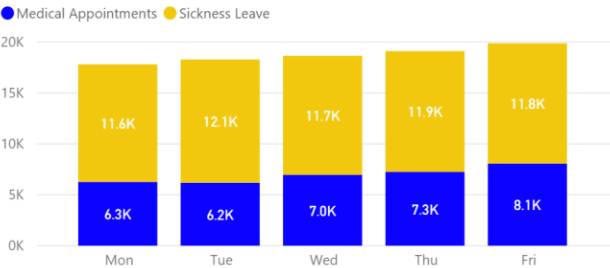
Top 20 Non-working hours by Role



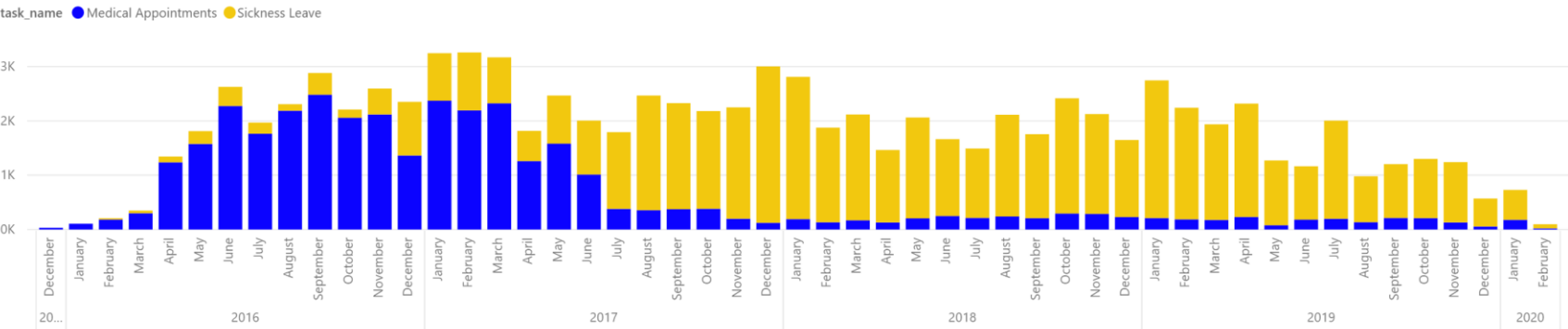
Top 20 Non-working hours by Role per Employee



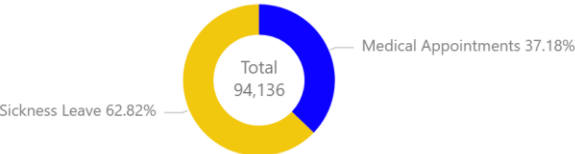
Non-working hours by Day of the Week



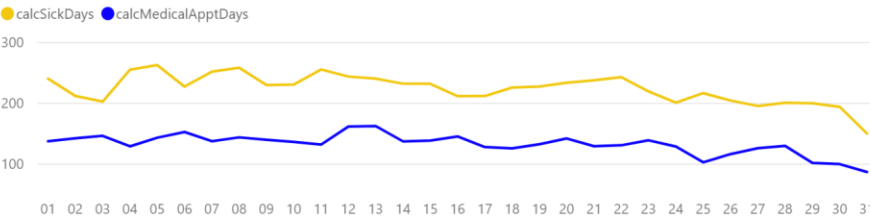
Non-working hours by Time



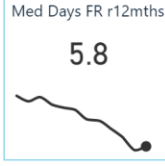
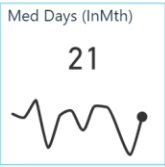
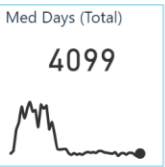
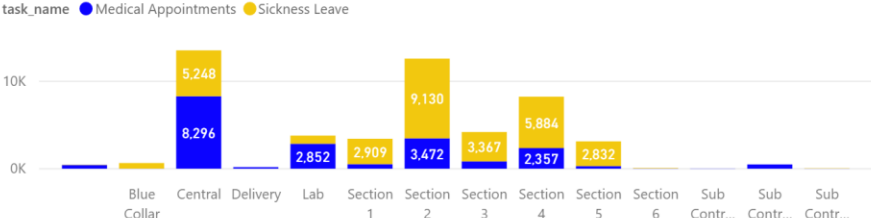
entry\_qty by task\_name (?)  
● Medical Appointments ● Sickness Leave



Non-working hours by Day of Month



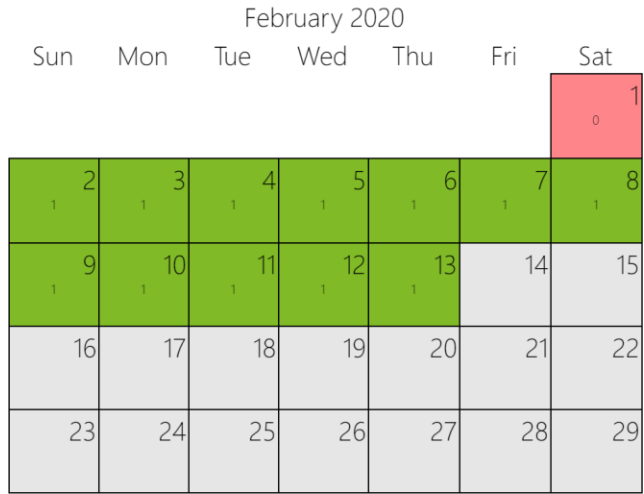
Top 20 Non-working hours by Role



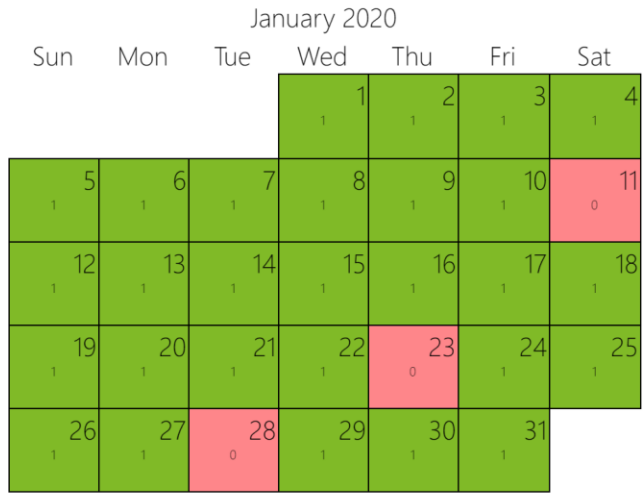
Year	Sick Days YTD	Medical Appt Days YTD
2016	366.1	2,076.29
2017	2050.6	1,477.40
2018	2469.8	300.49
2019	1996.9	236.38
2020	64.8	20.97
To...	64.8	20.97



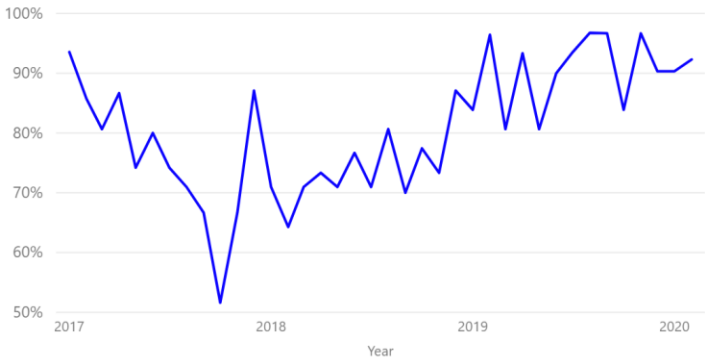
Perfect Days This Month



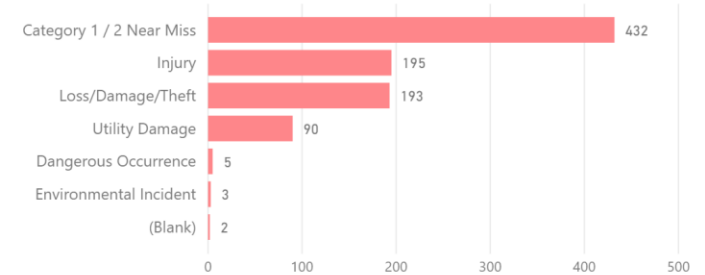
Perfect Days PREV Month



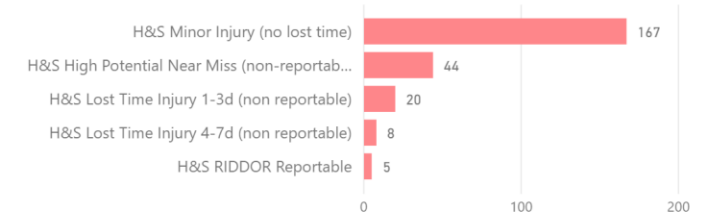
Perfect Day Ratio, Perfect Day and Count of Date by Year, Quarter and Mo...



# Incidents by AICategory



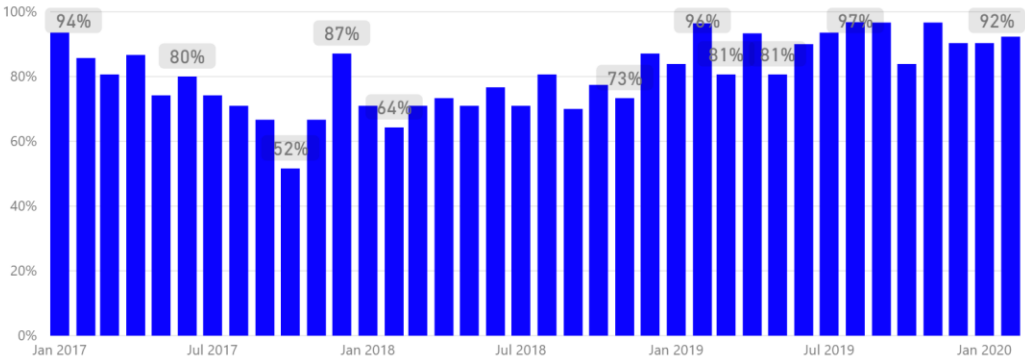
# incidents by Classification



# Service Strikes

101

Monthly % by YearMonthnumber



Section	#Incidents
Central	3
Section 1	15
Section 2	71
Section 3	75
Section 4	87
Section 5	13
Section 6	3
Total	267