Absenteeism Hours and Reasons

| Reason ID	Reason for absence	Absenteeism time in hours ▼
13	Diseases of the musculoskeletal system and connective tissue	842
19	Injury, poisoning and certain other consequences of external causes	729
11	Diseases of the digestive system	297
10	Diseases of the respiratory system	276
18	Symptoms, signs and abnormal clinical and laboratory findings, not elsewhere classified	217
12	Diseases of the skin and subcutaneous tissue	187
1	Certain infectious and parasitic diseases	182
6	Diseases of the nervous system	171
9	Diseases of the circulatory system	168
14	Diseases of the genitourinary system	167
7	Diseases of the eye and adnexa	150
21	Factors influencing health status and contact with health services	35
8	Diseases of the ear and mastoid process	32
2	Neoplasms	24
5	Mental and behavioural disorders	19
15	Pregnancy, childbirth and the puerperium	16
4	Endocrine, nutritional and metabolic diseases	9
3	Diseases of the blood and blood-forming organs and certain disorders involving the immune mechanism	8
17	Congenital malformations, deformations and chromosomal abnormalities	8
16	Certain conditions originating in the perinatal period	6
20	External causes of morbidity and mortality	

Absenteeism time in hours by Reason for absence
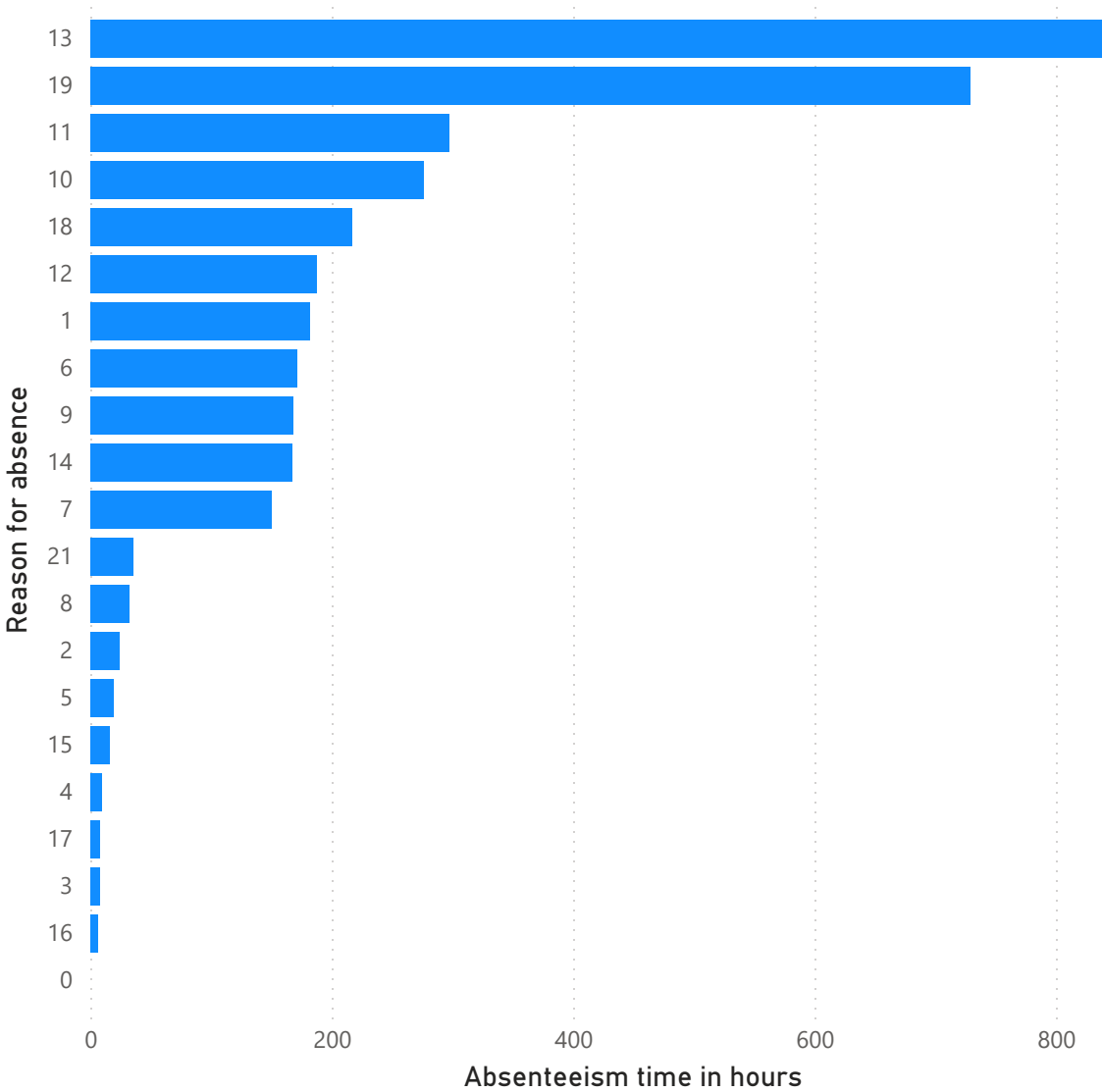
Observation: *Reason '**Diseases of the musculoskeletal system and connective tissue**' seems to be the most prominent reason leading to more absenteeism at work. Implementing workplace ergonomic assessments and initiatives aimed at improving musculoskeletal health to mitigate absenteeism associated with diseases of the musculoskeletal system and connective tissue should be considered.*

ID	Age	Absenteeism time in hours
3	38	482
14	34	476
11	33	450
28	28	347
34	37	344
36	50	311
20	36	306
9	58	262
24	41	254
15	40	253
22	30	253
10	28	186
13	31	183
Total		**5124**

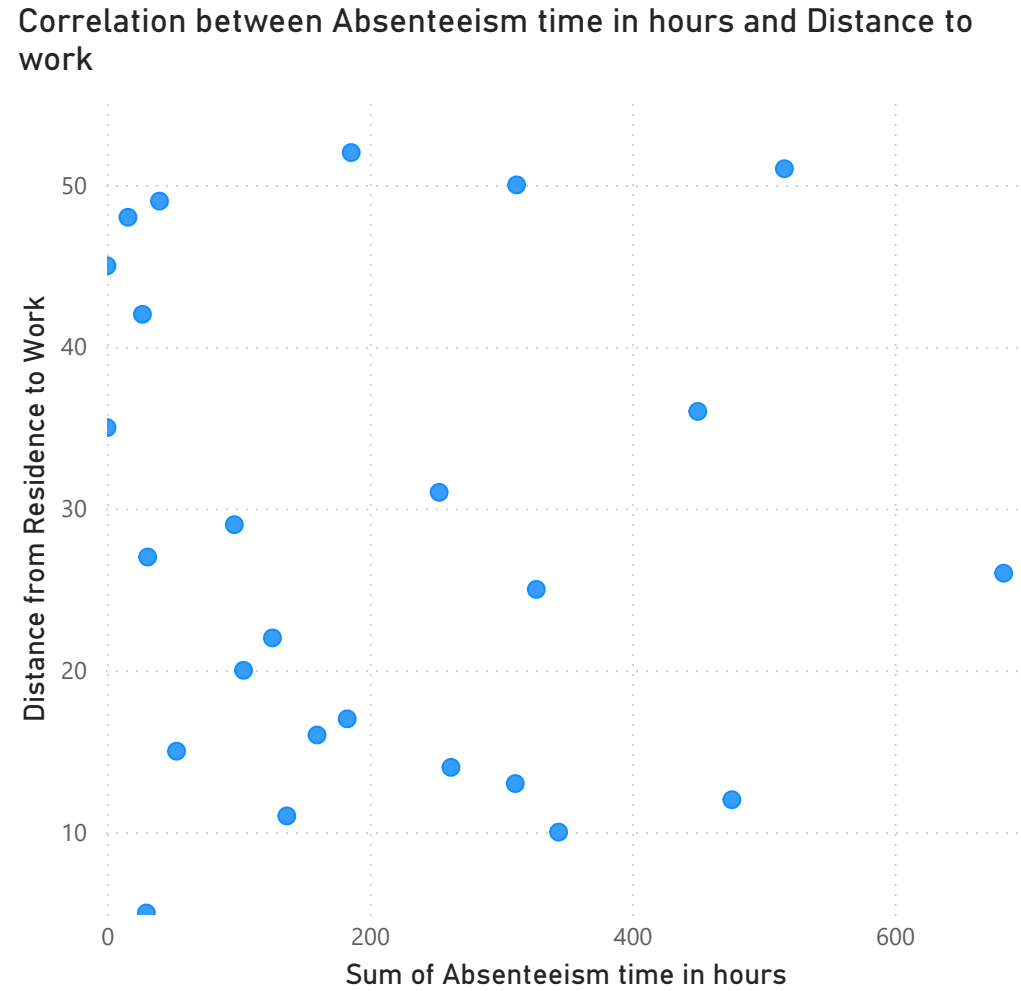## Correlation between Absenteeism time in hours and Age
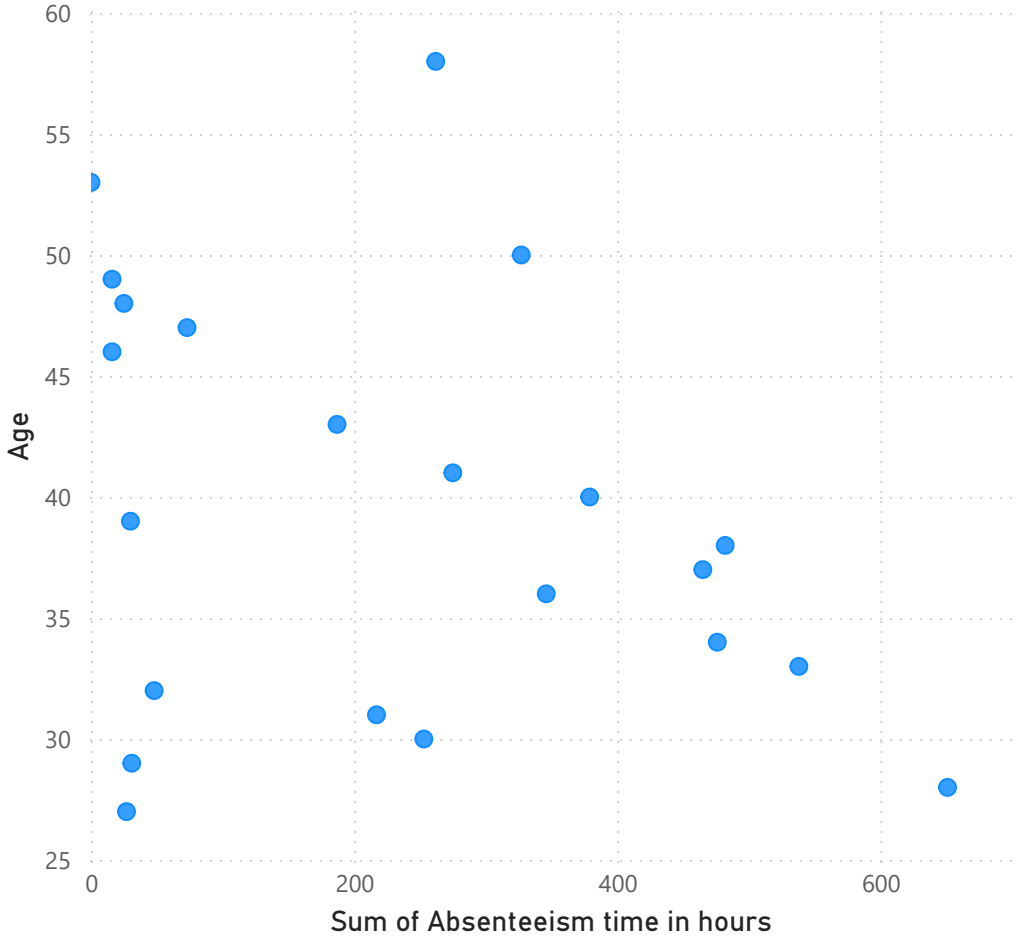
0.07

Correlation Coefficient of Age and Absenteeism

Observation: *The correlation coefficient of **0.07** between age and absenteeism in hours suggests a very weak positive linear relationship. This implies that age has little predictive power for absenteeism in hours, and vice versa.*

ID	Distance from Residence to Work	Absenteeism time in hours
10		52
12		51
3		51
19		50
20		50
23		49
32		48
35		45
27		42
11		36
8		35
15		31
2		29
Total		

Correlation between Absenteeism time in hours and Distance to work

-0.09

Correlation Coefficient of Distance to work and Absenteeism

Observation: *The correlation coefficient of **-0.09** between distance to work and absenteeism suggests a weak negative linear relationship. While there is a slight tendency for absenteeism to decrease as the distance to work increases, the correlation is not strong enough to draw definitive conclusions.*