

Tables

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1 Full Cohort

```
## Error: object 'tenure' not found
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```

```
## Error in summary_table('person-years', gendesc_3): object 'person-years' not found
## Error in eval(lhs, parent, parent): object 'person-years' not found
## Error in summary_table(suic_long, gendesc_3): object 'suic_long' not found
## Error in eval(lhs, parent, parent): object 'person-years' not found
## Error in summary_table(overdose_long, gendesc_3): object 'overdose_long' not found
```

Table 1: Characteristics of the overall cohort, suicide cases, and overdose cases, UAW-GM cohort 1941-2015

	Full Cohort	Suicide Cases	Overdose Cases
Number of subjects	38,648	276	67
Number of person-years	1,505,574	6,408	1,605
Plant (person-years)			
Plant 1	346,500 (23.01%)	1,091 (17.03%)	321 (20.00%)
Plant 2	636,939 (42.31%)	3,086 (48.16%)	1,002 (62.43%)
Plant 3	520,181 (34.55%)	2,193 (34.22%)	282 (17.57%)
Years in Cohort			
mean (SD)	21.97 (13.89)	16.10 (11.62)	15.61 (10.82)
Employment status by end of followup			
Left work	27,678	242	46
Unknown/still at work	10,970	34	21
Age¹			
mean (SD)	49.92 (15.11)	52.33 (15.20)	50.71 (12.33)
Race			
White	31,498 (81.50%)	244 (88.41%)	50 (74.63%)
Black	7,150 (18.50%)	32 (11.59%)	17 (25.37%)
Sex			
Male	33,884 (87.67%)	264 (95.65%)	64 (95.52%)
Female	4,764 (12.33%)	12 (4.35%)	3 (4.48%)
Birth year			
min	1872	1896	1894
max	1961	1960	1959
mean	1935	1936	1946
Hire year			
min	1938	1940	1942
max	1987	1979	1978
mean	1962	1962	1970
Year of Leaving Work			
min	1943	1944	1951
max	1994	1994	1993
mean	1975	1975	1977
median	1976	1976	1981

Suicide was determined by ICD-9 codes E950-E959 and ICD-10 codes X60-X84, Y87, and U03. Overdose was determined by ICD-9 codes E850-E858, E980.0-E980.5 (undetermined intent) and ICD-10 codes X40-X44 and Y10-Y14.

¹ Age for the overall cohort is taken as the person-year mean. Age for suicide and overdose cohorts denotes age at time of event.

2 IPS Cohort

```
## # A tibble: 35 x 2
##   age_obs      n
##   <dbl> <int>
```

```
## 1      30 3562
## 2      31 4114
## 3      32 4695
## 4      33 5199
## 5      34 5671
## 6      35 6173
## 7      36 6650
## 8      37 7134
## 9      38 7562
## 10     39 8010
## # ... with 25 more rows
## # A tibble: 3 x 3
## # Groups:   suicide [2]
##   suicide poison      n
##   <dbl>   <dbl> <int>
## 1      0      0 13291
## 2      0      1   12
## 3      1      0   101
```

```
## Error: object 'tenure' not found
## Error: object 'tenure' not found
## Error in cbind(ips_overall, suicide): object 'ips_overall' not found
```

```
##
## \begin{tabular}{l|l|l}
## \hline
## & dta_ips_long (N = 326,916) & si_long (N = 2,289)\\
## \hline
## \bf{Plant (person-years)} & ~ & ~\\
## \hline
## ~~ Plant 1 & 95,365 (29.17\%) & 401 (17.52\%)\\
## \hline
## ~~ Plant 2 & 168,961 (51.68\%) & 1,270 (55.48\%)\\
## \hline
## ~~ Plant 3 & 61,654 (18.86\%) & 580 (25.34\%)\\
## \hline
## \bf{Years in Cohort} & ~ & ~\\
## \hline
## ~~ mean (SD) & 15.51 (9.68) & 14.49 (9.51)\\
## \hline
## \end{tabular}
```

Table 2: Characteristics of the IPS overall cohort, suicide cases, and overdose cases, UAW-GM cohort 1941-2015

	Full Cohort	Self-Injury Cases
Number of subjects	13,404	113
Number of person-years	326,916	2,920
Employment status by end of followup		
Left work	13404	113
Unknown/Still at Work	0	0
Age¹		
mean (SD)	49.29 (9.22)	62.05 (13.95)
Race		
White	11,225 (83.74%)	101 (89.38%)
Blacks	2,179 (16.26%)	12 (10.62%)
Sex		
Male	12,042 (89.84%)	110 (97.35%)
Female	1,362 (10.16%)	3 (2.65%)
Plant (person-years)		
Plant 1	95,365 (29.17%)	401 (17.52%)
Plant 2	168,961 (51.68%)	1,270 (55.48%)
Plant 3	61,654 (18.86%)	580 (25.34%)
Years in Cohort		
mean (SD)	15.51 (9.68)	14.49 (9.51)
Birth year		
min	1880	1894
max	1930	1929
mean	1916	1918
Hire year		
min	1938	1940
max	1985	1976
mean	1952	1952
Year of Leaving Work		
min	1943	1946
max	1994	1993
mean	1970	1968
median	1972	1967

Suicide was determined by ICD-9 codes E950-E959 and ICD-10 codes X60-X84, Y87, and U03. Overdose was determined by ICD-9 codes E850-E858, E980.0-E980.5 (undetermined intent) and ICD-10 codes X40-X44 and Y10-Y14.

¹ Age for the overall cohort is taken as the person-year mean. Age for suicide and overdose cohorts denotes age at time of event.