

January 2003 Locomotive Roster  
 The Union Pacific Fleet as of January 1, 2003

Archived from the UPRR web site.

Union Pacific operated more than 7,000 locomotives, nearly one-third the total of all the locomotives on Class One railroads in the U.S. The average age of UP's freight locomotives is 13.4 years, making UP's fleet one of the newest of any major railroad.

The UP roster is divided into three locomotive types: diesel freight, diesel switch and slug units, and diesel and steam excursion engines. Each type of locomotive performs a different function. Freight engines pull freight cars long distances, switch engines and slug units move cars around rail yards, and passenger engines pull cars for excursions.

The following tables show all of the locomotives presently owned by Union Pacific. The tables are categorized by locomotive horsepower and percentage, manufacturer and percentage, axles per unit, average age, and finally, complete lists of each kind of locomotive.

Locomotives	H.P.	Percentage	
Freight	6,524	23,837,475	96.72
Switch	488	793,500	3.22
Passenger	7	13,800	0.06
Total	7,019	24,644,775	100.00

Locomotives	Percentage
EMD	4,647 66.21
GE	2,370 33.76
Other	2 0.03
Total	7,019 100.00

Axles per Unit	Locomotives
Freight (4 axle)	1,457
Freight (6 axle)	5,067
Switch (4 axle)	427
Switch (6 axle)	61
Passenger (8 axle)	1
Passenger (4 axle)	1
Passenger (6 axle)	3
Passenger (4 axle steam)	1
Passenger (6 axle steam)	1
Total	7,019

Locomotives	Age
Freight	6,524 13.4
Switch	488 27.4

Passenger	7	48.7
Total Fleet	7,019	14.41

Series	Make	Model	H.P.	Total
UPT 5 - 8	EMD	Tender	--	4
UP 100 - 198	GE	B23-7	2,250	73
SP 5101 - 5111		GE B23-7	2,250	4
UP 7746 - 7873		GE B30-7	3,000	24
SP 7774 - 7862		GE B30-7	3,000	7
UP 200 - 259	GE	B30-7A	3,000	46
SP 7803 - 7869		GE B30-7B	3,000	5
UP 7751 - 7773		GE B30-7B	3,000	3
UP 1808 - 1890		GE B40-8	3,900	30
UP 5609 - 5699		GE B40-8	3,900	59
SP 8013	GE	B40-8	3,900	1
UP 9021 - 9355		GE C40-8	4,000	293
UP 9356 - 9395		GE C40-8W	4,000	40
CNW 8543 - 8577		GE C41-8	4,135	5
UP 9065 - 9099		GE C41-8	4,135	30
UP 9396 - 9559		GE C41-8W	4,135	164
UP 7010 - 7079		GE C44/60AC	4,390	63
UP 7300 - 7384		GE C44/60AC	4,390	43
SP 8192	GE	C44-9	4,400	1
UP 9564 - 9664		GE C44-9	4,380	100
CNW 8601-8730		GE C44-9W	4,380	17
UP 9665 - 9834		GE C44-9W	4,380	152
SP 100 - 378	GE	C44-AC	4,390	251
UP 6173 - 7297		GE C44AC	4,390	685
UP 9997	GE	C44AC	4390	1
UP 5700 - 5863		GE C44ACCTE	4,390	163
UP 7500 - 7579		GE C60AC	6000	80
UPY 541 - 744		EMD GP-15-1	1,500	81
UP 1570 - 1699		EMD GP-15-1	1,500	38
UPY 555 - 569		EMD GP15-1L	1,500	14
UP 1557 - 1569		EMD GP15-1L	1,500	1
UP 293	EMD	GP-38	2,000	1
UP 1783	EMD	GP-38	2,000	1
UP 1997	EMD	GP-38	2,000	1
UP 280	EMD	GP38-2	2,000	1
UP 500 - 848	EMD	GP38-2	2,000	175
UP 2003 - 2061		EMD GP38-2	2,000	16
UP 2126 - 2233		EMD GP38-2	2,000	30
UP 2304 - 2342		EMD GP38-2	2,000	11
SP 4801 - 4844		EMD GP38-2	2,000	17
UP 300 - 497	EMD	GP38-2L	2,000	110
UP 611 - 620	EMD	GP38-2L	2,000	4

UP 738 - 789	EMD	GP38-2L	2,000	48
UP 849- 919	EMD	GP38-2L	2,000	14
SP 4848 - 4864	EMD	GP38-2L	2,000	9
UP 1028 - 1092	EMD	GP38-2L	2,000	23
UP 1814 - 1996	EMD	GP38-2L	2,000	36
UP 2092 - 2261	EMD	GP38-2L	2,000	16
UP 2344 - 2419	EMD	GP38-2L	2,000	7
UP 2527 - 2588	EMD	GP38-2L	2,000	38
UP 498	EMD	GP38-3L	2,000	1
UP 902 - 1024	EMD	GP38-3L	2,300	19
UP 1062	EMD	GP38-3L	2,300	1
UP 2400 - 2551	EMD	GP38-3L	2,300	28
HLCX 3878	EMD	GP38-3L	2,000	3
UP 1202 - 1216	EMD	GP39-2	2,300	10
UP 2350 - 2364	EMD	GP39-2	2,300	7
UP 1228 - 1250	EMD	GP39-2L	2,300	20
UP 9955 - 9979	EMD	GP40	3,000	3
SP 3086	EMD	GP40	3,000	1
UP 907 - 908	EMD	GP40-2	3,000	2
UP 1461 - 1540	EMD	GP40-2	3,000	7
UP 5318 - 5369	EMD	GP40-2	3,000	2
UP 9988 - 9993	EMD	GP40-2	3,000	4
DRGW 3094 - 3130	EMD	GP40-2	3,000	19
SP 7100 - 7299	EMD	GP40-2	3,000	25
SP 7610 - 7677	EMD	GP40-2	3,000	18
SP 7940 - 7965	EMD	GP40-2	3,000	12
SSW 7274 - 7293	EMD	GP40-2	3,000	18
SSW 7628 - 7657	EMD	GP40-2	3,000	18
SSW 7962	EMD	GP40-2	3,000	1
UP 1343 - 1531	EMD	GP40-2	3,000	58
UP 5242 - 5357	EMD	GP40-2	3,000	12
UP 960 - 989	EMD	GP50	3,500	12
UP 5558 - 5587	EMD	GP50	3,500	14
UP 1664 - 1684	EMD	GP50	3,500	3
UP 1900 - 2093	EMD	GP60	3,800	142
SP 9715 - 9794	EMD	GP60	3,800	21
SSW 9620 - 9714	EMD	GP60	3,800	29
UP 2650 - 2781	EMD	SD40-2	3,000	44
UP 2950 - 3098	EMD	SD40-2	3,000	108
CNW 6811 - 6877	EMD	SD40-2	3,000	5
SP 7328 - 8706	EMD	SD40-2	3,000	87
UP 2783 - 2841	EMD	SD40-2	3,000	42
UP 3100 - 3973	EMD	SD40-2	3,000	130
UP 9888 - 9947	EMD	SD40-2	3,000	9
UP 4142	EMD	SD40-2B	3,000	1
UP 8934 - 8991	EMD	SD40-2B	3,000	7

UP 3097 - 3806	EMD	SD40-2R	3,000	426
UP 2822 - 2865	EMD	SD40-2T	3,000	40
DRGW 5349 - 5401	EMD	SD40-2T	3,000	6
SP 5368	EMD	SD40-2T	3,000	1
SP 8240 - 8566	EMD	SD40-2T	3,000	8
UP 8571 - 8868	EMD	SD40-2T	3,000	56
UP 2882 - 2949	EMD	SD40-2TR	3,000	49
UP 8578 - 8684	EMD	SD40-2TR	3,000	18
UP 8862	EMD	SD40-2TR	3,000	1
SP 8268	EMD	SD40-2TR	3,000	1
UP 9837 - 9843	EMD	SD50	3,600	3
UP 9835 - 9881	EMD	SD50M	3,500	6
UP 9845 - 9861	EMD	SD50M	3,500	15
UP 5096- 5111	EMD	SD50M	3,500	15
DRGW 5503-5507	EMD	SD50M	3,500	2
UP 2155 - 2238	EMD	SD60	3,800	52
UP 6000 - 6084	EMD	SD60	3,800	32
UP 2240 - 2516	EMD	SD60M	3,800	144
UP 6097 - 6365	EMD	SD60M	3,800	135
UP 3974 - 3999	EMD	SD70M	4,000	21
SP 9800 - 9824	EMD	SD70M	4,000	4
UP 2001 - 2002	EMD	SD70M	4,000	2
UP 4000 - 4709	EMD	SD70M	4,000	1124
UP 8000 - 8308	EMD	SD9043AC	4,300	307
UP 8500 - 8561	EMD	SD90AC	6,000	62
Total Freight Locomotives			6,524	

Series	Make	Model	H.P.	Total
UP 949 - 951	EMD	E-9	2,000	2
UPB 963	EMD	E-9	2,000	1
UP 6936	EMD	DD40-X	6,600	1
UP 96	EMD	SW10	1,200	1
UP 844	ALCO	STEAM	--	1
UP 3985	ALCO	STEAM	--	1
Total Passenger Locomotives				7

Series	Make	Model	H.P.	Total
UPY 545 - 554	EMD	GP15-1	1,500	10
UPY 620 - 744	EMD	GP15-1	1,500	54
UP 1622 - 1624	EMD	GP15-1	1,500	2
UP 621 - 637	EMD	GP38-2	2,000	13
UP 811 - 848	EMD	GP38-2	2,000	11
UP 2126 - 2130	EMD	GP38-2	2,000	4
UP 2336 - 2342	EMD	GP38-2	2,000	3
UP 300 - 344	EMD	GP38-2L	2,000	11
UP 1810 - 1843	EMD	GP38-2L	2,000	5

UP 430 - 451	EMD	GP38-2L	2,000	2
UP 2344	EMD	GP38-2L	2,000	1
UP 3000 - 3001	EMD	GP40	3,000	2
UPY 1291 - 1328	EMD	MP15	1,500	19
UP 1296	EMD	MP15	1,500	1
SP 2690 - 2701	EMD	MP15	1,500	3
UP 1300 - 1392	EMD	MP15	1,500	24
UPY 1300 - 1392	EMD	MP15	1,500	43
UPY 1393 - 1488	EMD	MP15AC	1,500	75
SP 2702 - 2759	EMD	MP15AC	1,500	18
UPY 1335 - 1344	EMD	MP15L	1,500	9
UP 1340	EMD	MP15L	1,500	1
UPY 800 - 860	EMD	SD38-2	2,000	44
UPY 806 - 815	EMD	SD38-2	2,000	10
UPY 830 - 835	EMD	SD38-2	2,000	6
UP 8991	EMD	SD40-2B	3,000	1
UP 1000 - 1316	EMD	SW1500	1,500	41
UPY 1001 - 1230	EMD	SW1500	1,500	56
SP 2457 - 2688	EMD	SW1500	1,500	10
UP 1005 - 1026	EMD	SW1500L	1,500	1
UPY 1012 - 1039	EMD	SW1500L	1,500	8
Total Yard Switchers				488

Series	Make	Model	H.P.	Total
UPS 9 - 28	EMD	SL-1	0	10
UPY 904 - 925	EMD	SL-1	0	6
UPS 300	EMD	S4-B	0	1
UPS 927 - 928	M-K	S5-2B	0	3
UPS 313 - 319	EMD	S3-2B	0	3
UPS 100 - 104	EMD	SL1RCL		
0		5		
Total Slugs (Electric Trailers)				28