

January 2002 Locomotive Roster

The Union Pacific Fleet as of January 1, 2002

Union Pacific operated more than 6,800 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 14.9 years, making UP's fleet one of the newest of any major railroad.

The Union Pacific Roster

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 excursion trips.

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.

Locomotive Horsepower			
Locomotives		H.P.	Percentage
Freight	6,286	22,639,695	92.35
Switch	514	828,000	7.55
Passenger	7	13,800	0.1
Total	6,807	23,481,495	100.00

Locomotive Manufacturer		
Locomotives		Percentage
EMD	4,509	66.24
GE	2,296	33.73
Other	2	0.03
Total	6,807	100.00

Axles per Locomotive	
Axles per Unit	Locomotives
Freight (4 axle)	1,548
Freight (6 axle)	4,738

Switch (4 axle)	456
Switch (6 axle)	58
Passenger (8 axle)	1
Passenger (4 axle)	1
Passenger (6 axle)	3
Passenger (4 axle steam)	1
Passenger (6 axle steam)	1
Total	6,807

Average Age of Locomotive Fleet		
Locomotives		Age
Freight	6,286	13.92
Switch	514	26.50
Passenger	7	43.63
Total Fleet	6,807	14.9

Freight Locomotives				
Series	Make	Model	H.P.	Total
UPT 5 - 8	EMD	Tender	--	4
UP 100 - 198	GE	B23-7	2,250	75
SP 5100 - 5111	GE	B23-7	2,250	9
UP 262	GE	B30-7	3,000	1
UP 7746 - 7756	GE	B30-7	3,000	2
SP 7807 - 7866	GE	B30-7	3,000	16
SP 7774 - 7883	GE	B30-7	3,000	26
UP 200 - 259	GE	B30-7A	3,000	52
SP 7803 - 7880	GE	B30-7B	3,000	13
UP 7751	GE	B30-7B	3,000	1
UP 1815 - 1890	GE	B40-8	3,900	19
UP 5609 - 5699	GE	B40-8	3,900	70
SP 8013	GE	B40-8	3,900	1
UP 9021 - 9064	GE	C40-8	4,000	42
UP 9100 - 9355	GE	C40-8	4,000	251

UP 9356 - 9395	GE	C40-8W	4,000	40
CNW 8543-8577	GE	C41-8	4,135	6
UP 9065 - 9099	GE	C41-8	4,135	29
UP 9396 - 9559	GE	C41-8W	4,135	164
UP 7010 - 7079	GE	C44/60AC	4,390	64
UP 7300 - 7384	GE	C44/60AC	4,390	42
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	22
UP 9665 - 9834	GE	C44-9W	4,380	147
SP 100 - 378	GE	C44-AC	4,390	263
UP 6173 - 7297	GE	C44AC	4,390	705
UP 5700 - 5769	GE	C44ACCTE	4,390	55
UP 7500 - 7579	GE	C60AC	6000	80
UPY 570 - 744	EMD	GP-15-1	1,500	68
UP 1570 - 1699	EMD	GP-15-1	1,500	51
UPY 542 - 569	EMD	GP15-1L	1,500	14
UP 1542 - 1569	EMD	GP15-1L	1,500	4
UP 283	EMD	GP-38	2,000	1
UP 1783	EMD	GP-38	2,000	1
UP 1997	EMD	GP-38	2,000	1
UP 500 - 834	EMD	GP38-2	2,000	114
UP 2000 - 2063	EMD	GP38-2	2,000	31
UP 2138 - 2237	EMD	GP38-2	2,000	43
UP 2304 - 2333	EMD	GP38-2	2,000	18
UP 475 - 609	EMD	GP38-2	2,000	28
UP 2064	EMD	GP38-2	2,000	1
SP 4801 - 4872	EMD	GP38-2	2,000	30
UP 315 - 478	EMD	GP38-2L	2,000	60
UP 612	EMD	GP38-2L	2,000	1
UP 738 - 789	EMD	GP38-2L	2,000	48
UP 882- 918	EMD	GP38-2L	2,000	7
UP 1028 - 1084	EMD	GP38-2L	2,000	19
UP 1814 - 1996	EMD	GP38-2L	2,000	43
UP 2076 - 2261	EMD	GP38-2L	2,000	26
UP 2381 - 2419	EMD	GP38-2L	2,000	13
UP 2527 - 2588	EMD	GP38-2L	2,000	39
UP 365 - 376	EMD	GP38-2L	2,000	12

UP 391 - 409	EMD	GP38-2L	2,000	17
UP 849	EMD	GP38-2L	2,000	1
CNW 4701 - 4709	EMD	GP38-2L	2,000	2
UP 902 - 1024	EMD	GP38-3L	2,300	4
UP 1062	EMD	GP38-3L	2,300	1
UP 2400 - 2551	EMD	GP38-3L	2,300	43
SP 4873	EMD	GP38-3L	2,000	1
HLCX 3878	EMD	GP38-3L	2,000	1
UP 1202 - 1216	EMD	GP39-2	2,300	7
UP 2350 - 2364	EMD	GP39-2	2,300	10
UP 1228 - 1250	EMD	GP39-2L	2,300	20
UP 669 - 672	EMD	GP40	3,000	2
UP 9975 - 9979	EMD	GP40	3,000	2
SP 3086	EMD	GP40	3,000	1
UP 907 - 914	EMD	GP40-2	3,000	5
UP 1461 - 1540	EMD	GP40-2	3,000	5
UP 3002 - 3006	EMD	GP40-2	3,000	2
UP 5318 - 5369	EMD	GP40-2	3,000	2
UP 9989	EMD	GP40-2	3,000	1
DRGW 3094-3130	EMD	GP40-2	3,000	20
SP 7100 - 7299	EMD	GP40-2	3,000	29
SP 7600 - 7677	EMD	GP40-2	3,000	33
SP 7940 - 7965	EMD	GP40-2	3,000	16
SSW 7274 - 7293	EMD	GP40-2	3,000	18
SSW 7628 - 7657	EMD	GP40-2	3,000	20
SSW 7962	EMD	GP40-2	3,000	1
UP 1303 - 1530	EMD	GP40-2	3,000	40
UP 5242 - 5357	EMD	GP40-2	3,000	14
UP 960 - 989	EMD	GP50	3,500	12
UP 5558 - 5587	EMD	GP50	3,500	16
UP 1679	EMD	GP50	3,500	1
UP 901 - 913	EMD	GP50	3,500	2
UP 1627	EMD	GP50	3,500	1
UP 5510 - 5557	EMD	GP50	3,500	44
DRGW 3154-3156	EMD	GP60	3,800	2
UP 1902 - 2093	EMD	GP60	3,800	72
UP 5808 - 5893	EMD	GP60	3,800	34
SP 9715- 9794	EMD	GP60	3,800	32

SSW 9620 - 9714	EMD	GP60	3,800	52
UP 2650- 2781	EMD	SD40-2	3,000	32
UP 2950 - 3098	EMD	SD40-2	3,000	110
CNW 6801 - 6930	EMD	SD40-2	3,000	9
SP 7306 - 8706	EMD	SD40-2	3,000	116
UP 2783 - 2816	EMD	SD40-2	3,000	20
UP 3333 - 3973	EMD	SD40-2	3,000	173
UP 4733 - 4775	EMD	SD40-2	3,000	23
UP 9883 - 9950	EMD	SD40-2	3,000	11
UPB 3556 - 4315	EMD	SD40-2B	3,000	5
UPB 8934 - 8993	EMD	SD40-2B	3,000	7
UP 3100 - 3806	EMD	SD40-2R	3,000	429
UP 2831 - 2863	EMD	SD40-2T	3,000	21
UP 4794 - 4945	EMD	SD40-2T	3,000	19
DRGW 5343-5401	EMD	SD40-2T	3,000	10
SP 5368 - 5379	EMD	SD40-2T	3,000	3
SP 8230 - 8573	EMD	SD40-2T	3,000	44
UP 8571 - 8868	EMD	SD40-2T	3,000	62
UP 2872 - 2949	EMD	SD40-2TR	3,000	60
UP 8574 - 8684	EMD	SD40-2TR	3,000	22
UP 8862	EMD	SD40-2TR	3,000	1
SP 8268	EMD	SD40-2TR	3,000	1
SP 7468	EMD	SD45-2	3,200	1
UP 4965	EMD	SD45-2T	3,200	1
SP 9311	EMD	SD45-2T	3,200	1
UP 5018 - 5053	EMD	SD50	3,600	4
UP 5001 - 5057	EMD	SD50M	3,500	6
UP 9881	EMD	SD50M	3,500	1
UP 5096- 5111	EMD	SD50M	3,500	15
DRGW 5501-5509	EMD	SD50M	3,500	2
UP 2106 - 2150	EMD	SD60	3,800	3
UP 5945 - 5999	EMD	SD60	3,800	50
CNW 8052	EMD	SD60	3,800	1
UP 2155 - 2238	EMD	SD60	3,800	43
UP 6000 - 6084	EMD	SD60	3,800	41
UP 2240 - 2526	EMD	SD60M	3,800	100
UP 6085 - 6365	EMD	SD60M	3,800	179
UP 3974 - 3998	EMD	SD70M	4,000	13

SP 9800 - 9824	EMD	SD70M	4,000	12
UP 2001 - 2002	EMD	SD70M	4,000	2
UP4000 - 4709	EMD	SD70M	4,000	703
UP 8000 - 8308	EMD	SD9043AC	4,300	309
UP 8500 - 8561	EMD	SD90AC	6,000	62
Total Freight Locomotives				6,286

Passenger Locomotives				
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

Yard Switchers				
Series	Make	Model	H.P.	Total
UPY 545 - 554	EMD	GP15-1	1,500	9
UPY 620 - 629	EMD	GP15-1	1,500	6
UPY 692 - 744	EMD	GP15-1	1,500	43
CNW 4402	EMD	GP15-1	1,500	1
UP 1622 - 1628	EMD	GP15-1	1,500	4
UP 1709 - 1739	EMD	GP15-1	1,500	3
UP 621 - 637	EMD	GP38-2	2,000	11
UP 811	EMD	GP38-2	2,000	1
UP 835 - 848	EMD	GP38-2	2,000	4
UP 2121 - 2137	EMD	GP38-2	2,000	6
UP 2334 - 2347	EMD	GP38-2	2,000	9
UP 300 - 311	EMD	GP38-2L	2,000	9
UP 1806 - 1813	EMD	GP38-2L	2,000	6
UP 1843 - 1844	EMD	GP38-2L	2,000	2
UP 451	EMD	GP38-2L	2,000	1
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	39
UPY 1300 - 1392	EMD	MP15	1,500	28
UPY 1393 - 1488	EMD	MP15AC	1,500	67
SP 2702 - 2759	EMD	MP15AC	1,500	26
UPY 1429 - 1430	EMD	MP15ACL	1,500	2
UPY 1289 - 1344	EMD	MP15L	1,500	10
UP 1290 - 1344	EMD	MP15L	1,500	2
UPY 800 - 857	EMD	SD38-2	2,000	36
UP 2817 - 2827	EMD	SD38-2	2,000	6
UPY 806 - 815	EMD	SD38-2	2,000	10
UPY 831 - 835	EMD	SD38-2	2,000	5
UP 2830	EMD	SD38-2	2,000	1
UP 1000 - 1317	EMD	SW1500	1,500	50
UPY 1000 - 1317	EMD	SW1500	1,500	49
SP 2453 - 2688	EMD	SW1500	1,500	11
UP 1005 - 1027	EMD	SW1500L	1,500	19
UPY 1004 - 1039	EMD	SW1500L	1,500	12
UP 1324 - 1327	EMD	SW1500L	1,500	3
Total Yard Switchers				514

Slug Units				
Series	Make	Model	H.P.	Total
UPS 9 - 29	EMD	SL-1	0	15
UPY 904 - 925	EMD	SL-1	0	5
UPS 300	EMD	S4-B	0	1
UPS 303	M-K	S5-2B	0	1
UPS 927 - 928	M-K	S5-2B	0	2
UPS 313 - 319	EMD	S3-2B	0	3
UPS 100	EMD	RCS-1	0	1
Total Slugs (Electric Trailers)				28

