

The Union Pacific Fleet as of January 1, 2001

Archived from the UPRR web site.

Union Pacific owns and operates more than 6,900 locomotives, nearly one-third the total of all the locomotives owned by Class One railroads in the U.S. The average age of UP's freight locomotives is 15.68 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	6,398	22,480,855	92.41
Switch	519	837,000	7.49
Passenger	7	13,800	0.1
Total	6,924	23,331,655	100.00

Locomotive Manufacturer

Locomotives		Percentage
EMD	4,580	66.15
GE	2,342	33.82
Other	2	0.03
Total	6,924	100.00

Axles per Locomotive

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Axles per Unit	Locomotives
Freight (4 axle)	1,651
Freight (6 axle)	4,747
Switch (4 axle)	460
Switch (6 axle)	59
Passenger (8 axle)	1
Passenger (4 axle)	1
Passenger (6 axle)	3
Passenger (4 axle steam)	1
Passenger (6 axle steam)	1
Total	6,924

Average Age of Locomotive Fleet

Locomotives		Age
Freight	6,398	14.92
Switch	519	24.72
Passenger	7	42.63
Total Fleet	6,924	15.68

Freight Locomotives

Series	Make	Model	H.P.	Total
UPT 5 - 8	EMD	Tender	--	4
UP 100 - 190	GE	B23-7	2,250	81
SP 5100 - 5114	GE	B23-7	2,250	13
UP 262	GE	B30-7	3,000	1
UP 7742 - 7756	GE	B30-7	3,000	2
SP 7801-7883	GE	B30-7	3,000	66

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SSW 7786	GE	B30-7	3,000	1
UP 200 - 259	GE	B30-7A	3,000	58
SP 7803-7880	GE	B30-7B	3,000	22
UP 1815 - 1887	GE	B40-8	3,900	7
UP 5609 - 5699	GE	B40-8	3,900	82
SP 8013	GE	B40-8	3,900	1
UP 400 - 531	GE	C30-7	3,000	13
UP 2428 - 2498	GE	C30-7	3,000	6
UP 7886	GE	C30-7	3,000	1
UP 600 - 657	GE	C36-7	3,750	25
UP 2609 - 2659	GE	C36-7	3,750	10
UP 7942 - 7999	GE	C36-7	3,750	16
UP 9000 - 9048	GE	C36-7	3,750	7
CNW 8517	GE	C40-8	4,000	1
UP 9021 - 9064	GE	C40-8	4,000	41
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	15
UP 9065 - 9099	GE	C41-8	4,135	20
UP 9396 - 9559	GE	C41-8W	4,135	164
UP 7010 - 7079	GE	C44/60AC	4,390	69
UP 7300 - 7335	GE	C44/60AC	4,390	37
SP 8100 - 8200	GE	C44-9	4,400	17
UP 9564 - 9664	GE	C44-9	4,380	84
CNW 8601 - 8730	GE	C44-9W	4,380	40
UP 9665 - 9834	GE	C44-9W	4,380	129
SP 100 - 378	GE	C44-AC	4,400	272
UP 6416 - 6699	GE	C44AC	4,390	274
UP 6700 - 6895	GE	C44AC	4,390	155
UP 6995 - 7297	GE	C44AC	4,390	231
CNW 8801 - 8835	GE	C44AC	4,380	33
UP 9997	GE	C44AC	4,390	1
GECX 4001 - 4003	GE	C44AC	4,390	2
UP 7500 - 7554	GE	C60AC	6,000	54

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UPY 570 - 699	EMD	GP15-1	1,500	24
UP 1570 - 1699	EMD	GP15-1	1,500	95
UPY 542 - 569	EMD	GP15-1L	1,500	14
UP 1542 - 1569	EMD	GP15-1L	1,500	4
UP 1780 - 1799	EMD	GP38	2,000	5
UP 1980 - 1997	EMD	GP38	2,000	8
UP 500 - 834	EMD	GP38-2	2,000	69
UP 2000 - 2063	EMD	GP38-2	2,000	50
UP 2138 - 2237	EMD	GP38-2	2,000	61
UP 2291 - 2334	EMD	GP38-2	2,000	26
UP 481	EMD	GP38-2	2,000	1
UP 564 - 606	EMD	GP38-2	2,000	17
UP 2064	EMD	GP38-2	2,000	1
SP 4801 - 4872	EMD	GP38-2	2,000	42
UP 302 - 305	EMD	GP38-2L	2,000	3
UP 330 - 363	EMD	GP38-2L	2,000	3
UP 423 - 451	EMD	GP38-2L	2,000	8
UP 738 - 789	EMD	GP38-2L	2,000	31
UP 890 - 894	EMD	GP38-2L	2,000	2
UP 1049 - 1065	EMD	GP38-2L	2,000	2
UP 1814 - 1996	EMD	GP38-2L	2,000	87
UP 2074 - 2289	EMD	GP38-2L	2,000	45
UP 2381 - 2419	EMD	GP38-2L	2,000	18
UP 2527 - 2588	EMD	GP38-2L	2,000	56
UP 365 - 399	EMD	GP38-2L	2,000	21
UP 2070	EMD	GP38-2L	2,000	1
CNW 4701 - 4711	EMD	GP38-2L	2,000	10
UP 2400 - 2425	EMD	GP38-2L	2,300	19
UP 2500 - 2562	EMD	GP38-3L	2,300	29
SP 4873	EMD	GP38-3L	2,000	1
UP 2350 - 2366	EMD	GP39-2	2300	17
UP 1230 - 1250	EMD	GP39-2L	2,300	7
UP 2729 - 2750	EMD	GP39-2L	2,300	15
UP 669 - 677	EMD	GP40	3,000	5

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UP 9956 - 9966	EMD	GP40	3,000	8
UP 638 - 648	EMD	GP40	3,000	2
UP 9967 - 6680	EMD	GP40	3,000	6
DRGW 3054 - 3148	EMD	GP40	3,000	11
SP 3086	EMD	GP40	3,000	1
CNW 5511 - 5537	EMD	GP40	3,000	7
UP 906 - 914	EMD	GP40-2	3,000	6
UP 1461	EMD	GP40-2	3,000	1
UP 3002 - 3007	EMD	GP40-2	3,000	6
UP 5318 - 5369	EMD	GP40-2	3,000	2
DRGW 3094 - 3130	EMD	GP40-2	3,000	24
SP 7100 - 7299	EMD	GP40-2	3,000	44
SP 7600 - 7677	EMD	GP40-2	3,000	41
SP 7940 - 7965	EMD	GP40-2	3,000	19
SSW 7274-7293	EMD	GP40-2	3,000	20
SSW 7628 - 7657	EMD	GP40-2	3,000	23
SSW 7960 - 7966	EMD	GP40-2	3,000	4
UP 1370	EMD	GP40-2	3,000	1
UP 1434	EMD	GP40-2	3,000	1
UP 5250 - 5357	EMD	GP40-2	3,000	15
UP 9999	EMD	GP40-20	3,500	1
UP 954 - 957	EMD	GP40-X	3,500	3
UP 5504 - 5505	EMD	GP40-X	3,500	2
UP 900 - 913	EMD	GP50	3,500	2
UP 5510 - 5557	EMD	GP50	3,500	45
UP 960 - 989	EMD	GP50	3,500	12
UP 5558 - 5587	EMD	GP50	3,500	17
DRGW 3154 - 3156	EMD	GP60	3,800	2
UP 1908	EMD	GP60	3,800	1
UP 2068 - 2093	EMD	GP60	3,800	5
UP 5700 - 5893	EMD	GP60	3,800	83
SP 9600 - 9794	EMD	GP60	3,800	40
SSW 9620 - 9714	EMD	GP60	3,800	61
UP 2678 - 2781	EMD	SD40-2	3,000	7

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UP 2950 - 3098	EMD	SD40-2	3,000	110
UP 4634 - 4703	EMD	SD40-2	3,000	3
CNW 6801 - 6935	EMD	SD40-2	3,000	19
SP 7300 - 8706	EMD	SD40-2	3,000	163
UP 3333 - 3973	EMD	SD40-2	3,000	281
UP 4289	EMD	SD40-2	3,000	1
UP 4733 - 4775	EMD	SD40-2	3,000	43
UP 8943	EMD	SD40-2	3,000	1
UP 9883 - 9950	EMD	SD40-2	3,000	54
UPB 3534 - 4321	EMD	SD40-2B	3,000	38
UPB 8928 - 8991	EMD	SD40-2B	3,000	15
UP 3100 - 3806	EMD	SD40-2R	3,000	429
UP 4417 - 4945	EMD	SD40-2T	3,000	49
DRGW 5343 - 5413	EMD	SD40-2T	3,000	27
SP 5350 - 5412	EMD	SD40-2T	3,000	9
SP 8230 - 8573	EMD	SD40-2T	3,000	132
SSW 8324 - 8374	EMD	SD40-2T	3,000	2
UP 8571 - 8858	EMD	SD40-2T	3,000	13
UP 2872 - 2949	EMD	SD40-2TR	3,000	7
UP 4369 - 4596	EMD	SD40-2TR	3,000	48
UP 8572 - 8602	EMD	SD40-2TR	3,000	24
UP 8737	EMD	SD40-2TR	3,000	1
UP 8862	EMD	SD40-2TR	3,000	2
SP 8268 - 8351	EMD	SD40-2TR	3,000	2
DRGW 5342	EMD	SD40-2TR	3,000	1
SP 7401 - 7536	EMD	SD45-2	3,200	24
UP 4877 - 4984	EMD	SD45-2T	3,200	3
SP 6793 - 6827	EMD	SD45-2T	3,200	7
SSW 6869 - 6891	EMD	SD45-2T	3,200	4
SP 9201 - 9368	EMD	SD45-2T	3,200	16
SSW 9276 - 9396	EMD	SD45-2T	3,200	4
SP 9325 - 9327	EMD	SD45-2TB	3,200	2
SSW 9263	EMD	SD45-2TB	3,200	1
UP 5093	EMD	SD50	3,600	1

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CNW 7000 - 7034	EMD	SD50	3,600	2
UP 5000 - 5053	EMD	SD50	3,600	18
UP 5001 - 5057	EMD	SD50M	3,500	29
UP 9881	EMD	SD50M	3,500	1
UP 5060 - 5111	EMD	SD50M	3,500	36
DRGW 5501 - 5515	EMD	SD50M	3,500	8
SP 5504 - 5517	EMD	SD50M	3,500	5
UP 2106 - 2157	EMD	SD60	3,800	2
UP 5945 - 5999	EMD	SD60	3,800	50
CNW 8051 - 8052	EMD	SD60	3,800	2
UP 2160 - 2235	EMD	SD60	3,800	10
UP 6000 - 6084	EMD	SD60	3,800	74
UP 2240 - 2482	EMD	SD60M	3,800	23
UP 6085 - 6365	EMD	SD60M	3,800	256
UP 3975 - 3986	EMD	SD70M	4,000	2
SP 9800 - 9824	EMD	SD70M	4,000	23
UP 4000 - 4284	EMD	SD70M	4,000	285
UP 8000 - 8308	EMD	SD9043AC	4,300	309
UP 8500 - 8561	EMD	SD90AC	6,000	62
Total Freight Locomotives				6,398

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

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Yard Switchers

Series	Make	Model	H.P.	Total
UP 1548 - 1554	EMD	GP15-1	1,500	2
UP 1620 - 1629	EMD	GP15-1	1,500	10
UP 1700 - 1744	EMD	GP15-1	1,500	27
CNW 4400 - 4410	EMD	GP15-1	1,500	7
UPY 552	EMD	GP15-1	1,500	1
UPY 700 - 744	EMD	GP15-1	1,500	19
UP 622 - 637	EMD	GP38-2	2,000	5
UP 811	EMD	GP38-2	2,000	1
UP 845	EMD	GP38-2	2,000	1
UP 2121 - 2137	EMD	GP38-2	2,000	12
UP 2335 - 2348	EMD	GP38-2	2,000	12
UP 300 - 328	EMD	GP38-2L	2,000	3
UP 451	EMD	GP38-2L	2,000	1
UP 1800 - 1813	EMD	GP38-2L	2,000	11
UP 1843 - 1844	EMD	GP38-2L	2,000	2
UP 1930	EMD	GP38-2L	2,000	1
UP 2344	EMD	GP38-2L	2,000	1
UP 3000 - 3001	EMD	GP40	3,000	2
UPY 1291 - 1387	EMD	MP15	1,500	21
UP 1296 - 1392	EMD	MP15	1,500	53
CNW 1302 - 1316	EMD	MP15	1,500	11
SP 2690 - 2701	EMD	MP15	1,500	5
UP 1393 - 1488	EMD	MP15AC	1,500	31
UPY 1397 - 1487	EMD	MP15AC	1,500	19
SP 2702 - 2759	EMD	MP15AC	1,500	43
UP 1429 - 1430	EMD	MP15ACL	1,500	2
UPY 1289	EMD	MP15L	1,500	1
UP 1290	EMD	MP15L	1,500	1
UP 1340 - 1344	EMD	MP15L	1,500	3
UPY 1335 - 1342	EMD	MP15L	1,500	7
UPY 831 - 857	EMD	SD38-2	2,000	14
UP 2800 - 2846	EMD	SD38-2	2,000	38

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SP 2971 - 2976	EMD	SD38-2	2,000	3
CNW 6650 - 6659	EMD	SD38-2	2,000	3
UP 9912	EMD	SD40-2	3,000	1
UP 1000 - 1317	EMD	SW1500	1,500	79
SP 2451 - 2688	EMD	SW1500	1,500	35
UP 1005 - 1035	EMD	SW1500L	1,500	27
UPY 1036 - 1039	EMD	SW1500L	1,500	1
UP 1324 - 1327	EMD	SW1500L	1,500	3
Total Yard Switchers				519

Slug Units

Series	Make	Model	H.P.	Total
UPS 9 - 29	EMD	SL-1	0	14
UPY 904 - 925	EMD	SL-1	0	3
UPS 300	EMD	S4-B	0	1
UPS 301 - 303	M-K	S5-2B	0	3
UPS 313 - 319	EMD	S3-2B	0	3
Total Slugs (Electric Trailers)				24

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