Example published lengths of 3-rail O-scale modern-production rolling stock from various manufacturers:

Lionel Centerbeam Flat Car = 20"

MTH RailKing 60' Streamlined Sleeping Car = 17 3/16"

MTH RailKing 60' Streamlined Chair Car = 16 11/16"

MTH RailKing O-31 Amfleet Coach = 16 1/4"

MTH Premier All-Door Boxcar = 15 1/8"

MTH Premier R50B Express Reefer Car = 14 1/2"

MTH RailKing Airslide Hopper Car = 13"

MTH RailKing O-27 Streamlined Baggage Car = 12 1/2"

Menards Covered Hopper Car = 12"

MTH RailKing Auto Carrier Flat Car = 11 11/16"

MTH RailKing 40' Woodsided Reefer Car = 11 5/8" MTH RailKing Bulkhead Flat Car = 11 5/8" MTH RailKing O-27 Double-Door Box Car = 11 5/8" MTH Scale Box Car = 11 5/8"

Lionel Flat Car = 11 1/2"
MTH RailKing 40' High Cube Box Car = 11 1/2"

Lionel Side-Dump Car = 11 1/4"

Lionel Vat Car = 11" Menards Box Car = 11"

IndustrialRail Double-Door Box Car = 10 1/2"
Lionel Generator Car = 10 1/2"
Lionel Gondola = 10 1/2"
Lionel Triple-Dome Tank Car = 10 1/2"
Menards Single-Dome Tank Car = 10 1/2"
MTH Bay-Window Caboose = 10 1/2"
Weaver Woodside Reefer Car = 10 1/2"

MTH RailKing O-27 Single-Dome Tank Car = 10 3/8"

MTH Premier Ps-2 Hopper Car = 10" Williams Box Car = 10" Williams Triple-Dome Tank Car = 10"

LOCOMOTIVES:

MTH Premier BL-2 Diesel Engine = 15 1/2"
MTH Premier GP-40 Diesel Engine = 15 1/2"

MTH RailKing GP-20 Diesel Engine = 14 7/8"

MTH RailKing MP15DC Diesel Engine = 13"

MTH Premier Alco S-2 Switcher Diesel Engine = 12"

MTH Premier Alco-GE-IngersolRand Box-Cab Diesel Engine = 9 5/8"