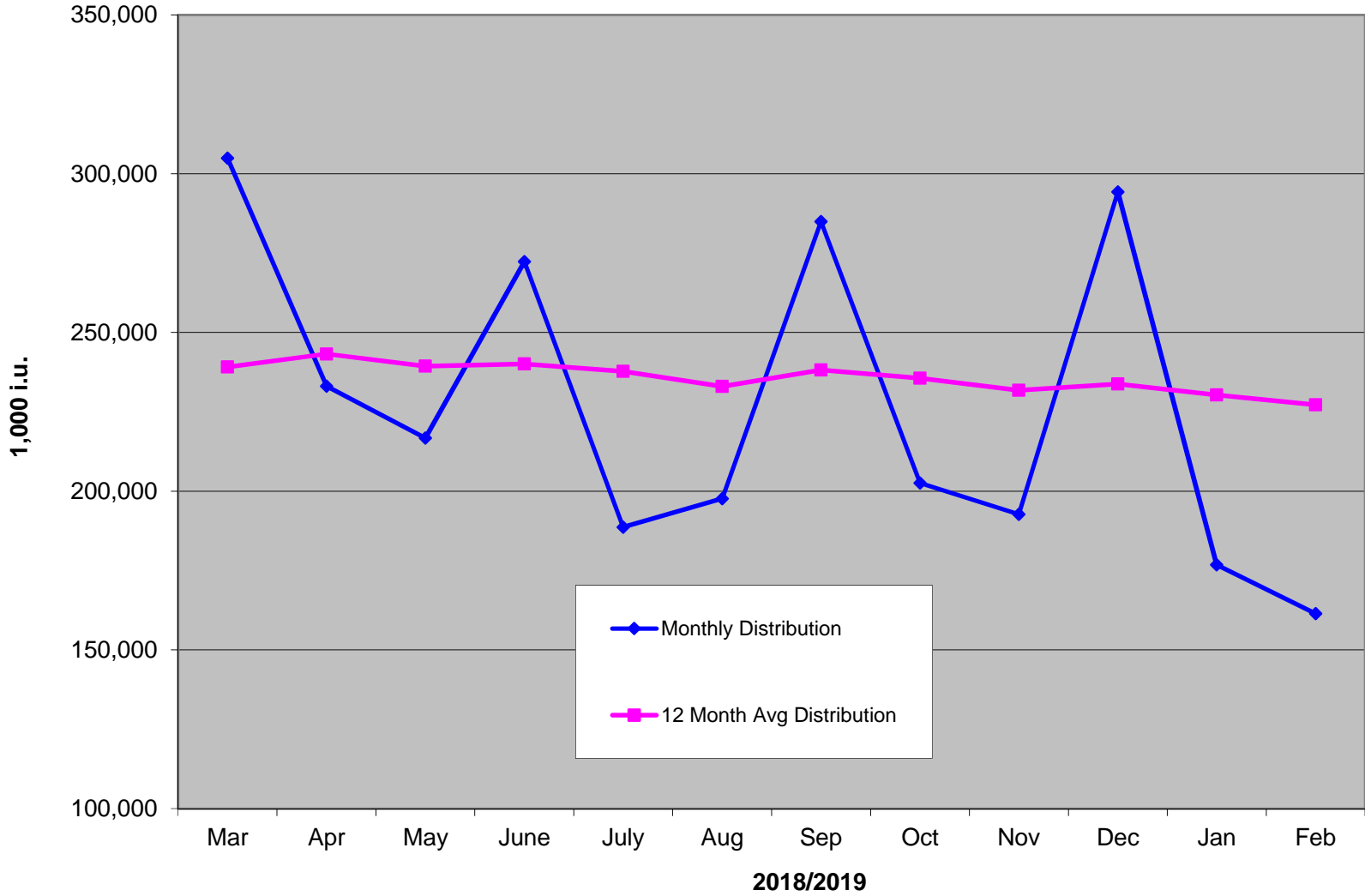


PPTA - Recombinant Factor VIII
Monthly U.S. Distribution and 12 Month Rolling Average Distribution



PPTA
2018/2019 Monthly Industry Aggregation - Recombinant Factor VIII

Recombinant Factor VIII SUPPLY ('000 i.u.)	Mar	Apr	May	June	July	Aug	Sep	Oct	Nov	Dec	Jan	Feb
U.S. Distribution ¹	304,882	233,040	216,755	272,315	188,652	197,663	284,949	202,529	192,759	294,275	176,859	161,406
Previous 12 Month Average Distribution	239,157	243,231	239,393	240,117	237,737	233,011	238,145	235,618	231,776	233,781	230,271	227,174

^{1/} Distribution in sales to the U.S. market.