

# IA2030 vaccine impact results

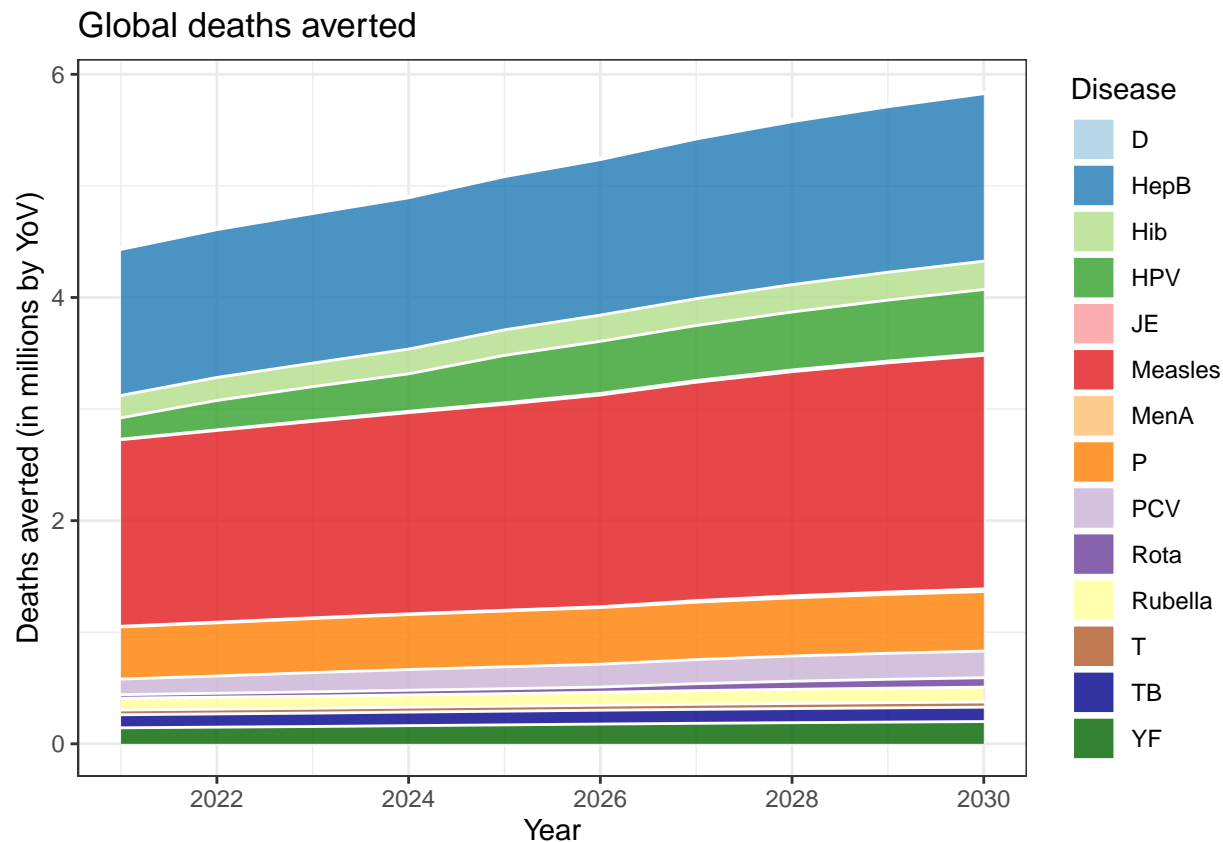
Austin Carter

3/11/2021

## Global annual total with baseline

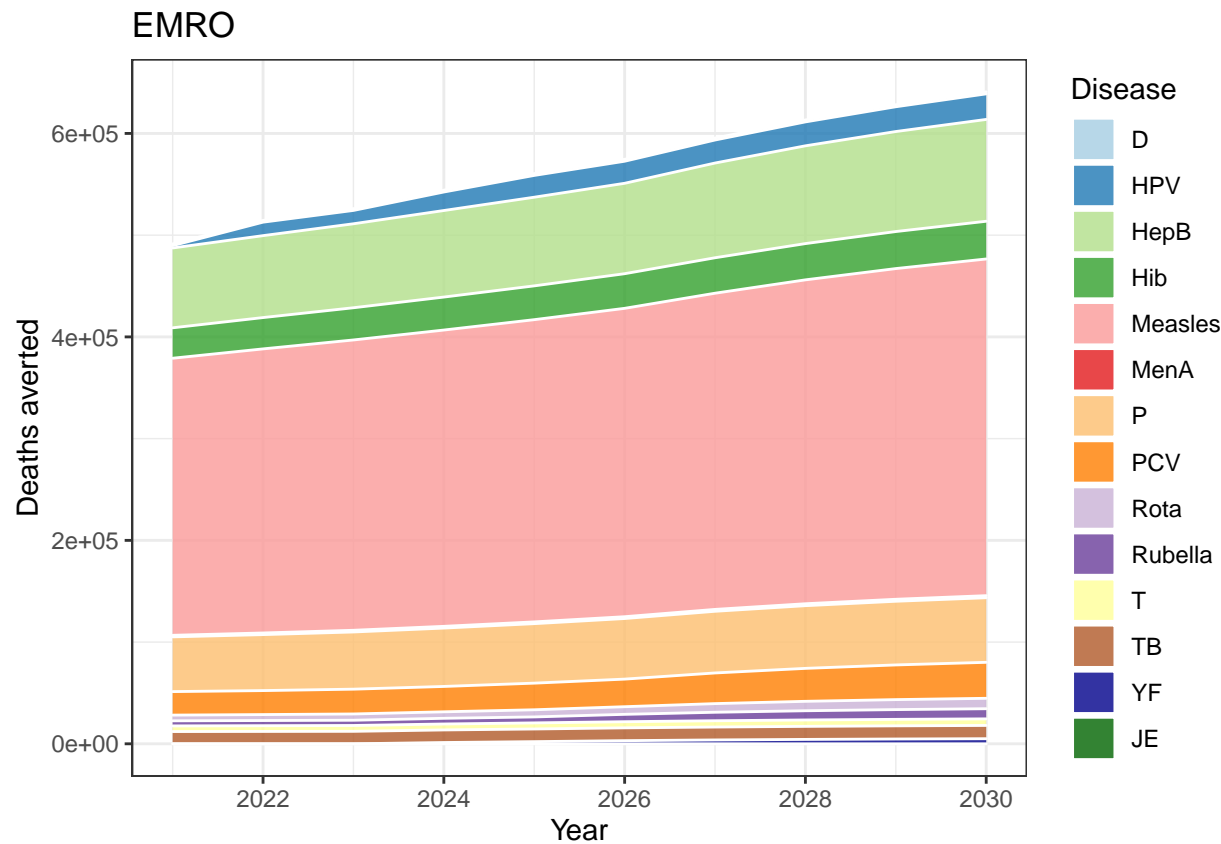
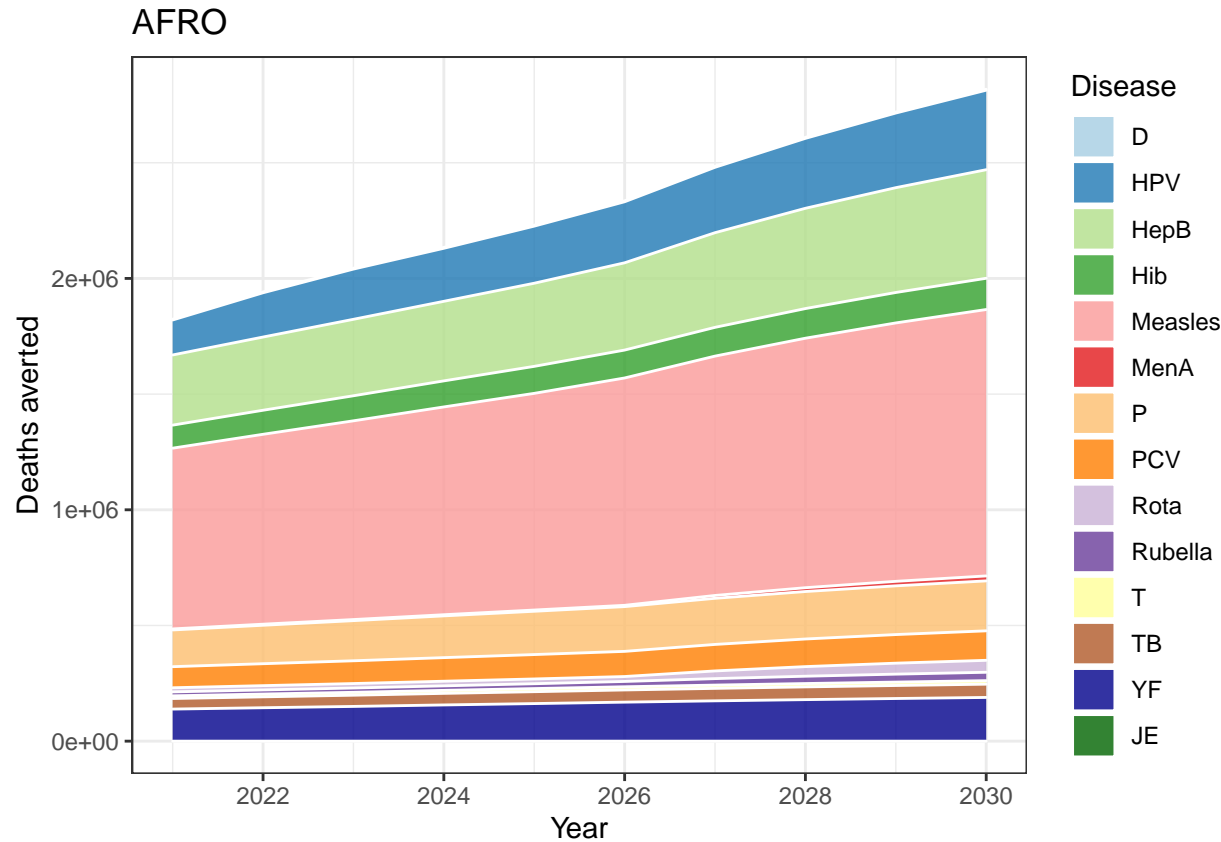
Year	Total deaths averted
2019 (baseline)	4255874
2021	4445873
2022	4623098
2023	4767638
2024	4908865
2025	5098639
2026	5251664
2027	5436265
2028	5591734
2029	5725507
2030	5842799

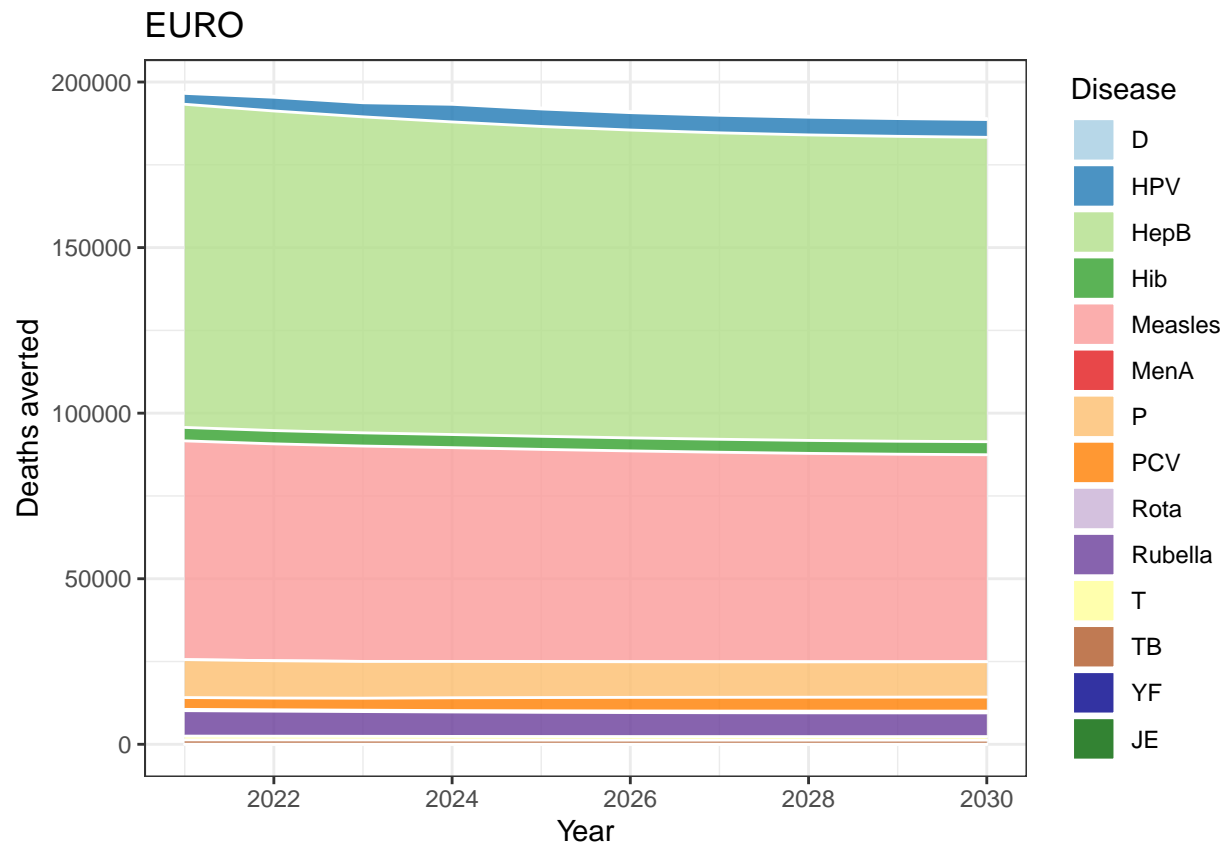
## By disease global



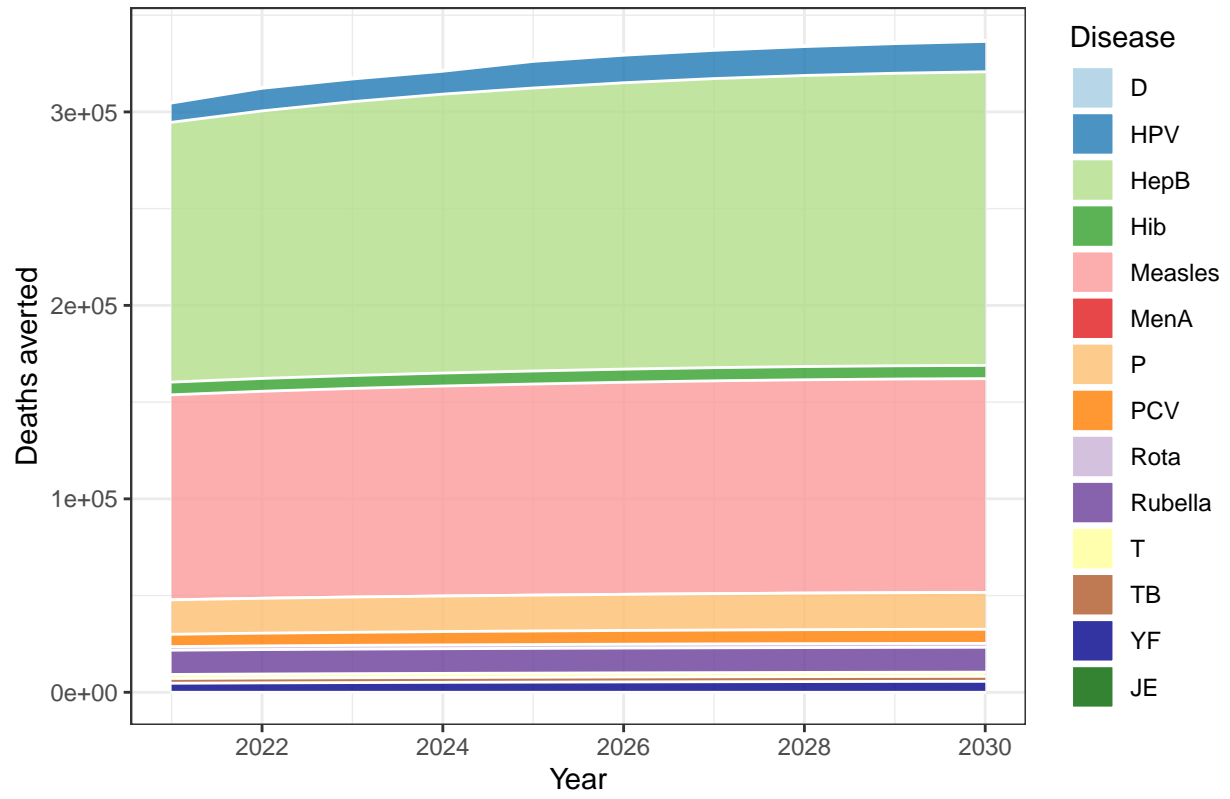
disease	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030
D	14906.068	15085.309	15244.439	15391.233	15531.320	15670.68	15802.73	15926.30	16039.87	16142.56
HPV	190674.12	263272.45	302464.47	335754.72	36654.51	393666.47	421335.38	446044.56	46283.57	473724.18
HepB	1308552.45	1324837.56	1340299.61	1355899.93	1372951.68	1389366.47	140609.07	142393.36	144183.25	14501116.15
Hib	200826.74	206223.86	211281.25	21754.90	229304.20	235351.98	240609.07	245393.36	249811.05	253897.69
JE	5635.016	5592.173	8998.733	11927.066	13487.408	14346.95	15213.17	15718.73	15991.68	16107.86
Measles	1671704.92	1717750.19	1760094.26	1803174.16	1845765.10	1897408.90	1956945.60	2008647.47	2053769.32	2093542.80
MenA	6029.442	6217.314	6421.438	6617.647	7028.675	7409.92	14073.05	18482.68	21444.27	23474.89
P	467359.32	476296.58	484588.41	492440.00	499991.46	507360.65	514438.83	521187.35	527550.85	533496.61
PCV	139472.95	1454742.09	172463.64	185608.45	196262.79	204912.52	216690.89	225872.99	233204.42	239174.39
Rota	31712.297	34637.026	38328.107	41417.188	44283.377	46742.45	61748.32	72074.06	79303.67	84475.60
Rubella	106024.62	107422.96	108744.00	110499.57	112498.02	116050.19	122438.38	126983.07	130246.52	132608.79
T	42337.632	42926.609	43453.417	43946.712	44427.251	44914.06	45388.20	45842.84	46267.61	46655.45
TB	117236.97	118728.40	120125.36	121463.28	122767.89	124052.76	125302.44	126510.11	127667.35	128768.55
YF	143400.08	149365.34	155131.21	162969.87	169830.47	177122.14	183558.82	189360.35	194677.11	199613.29

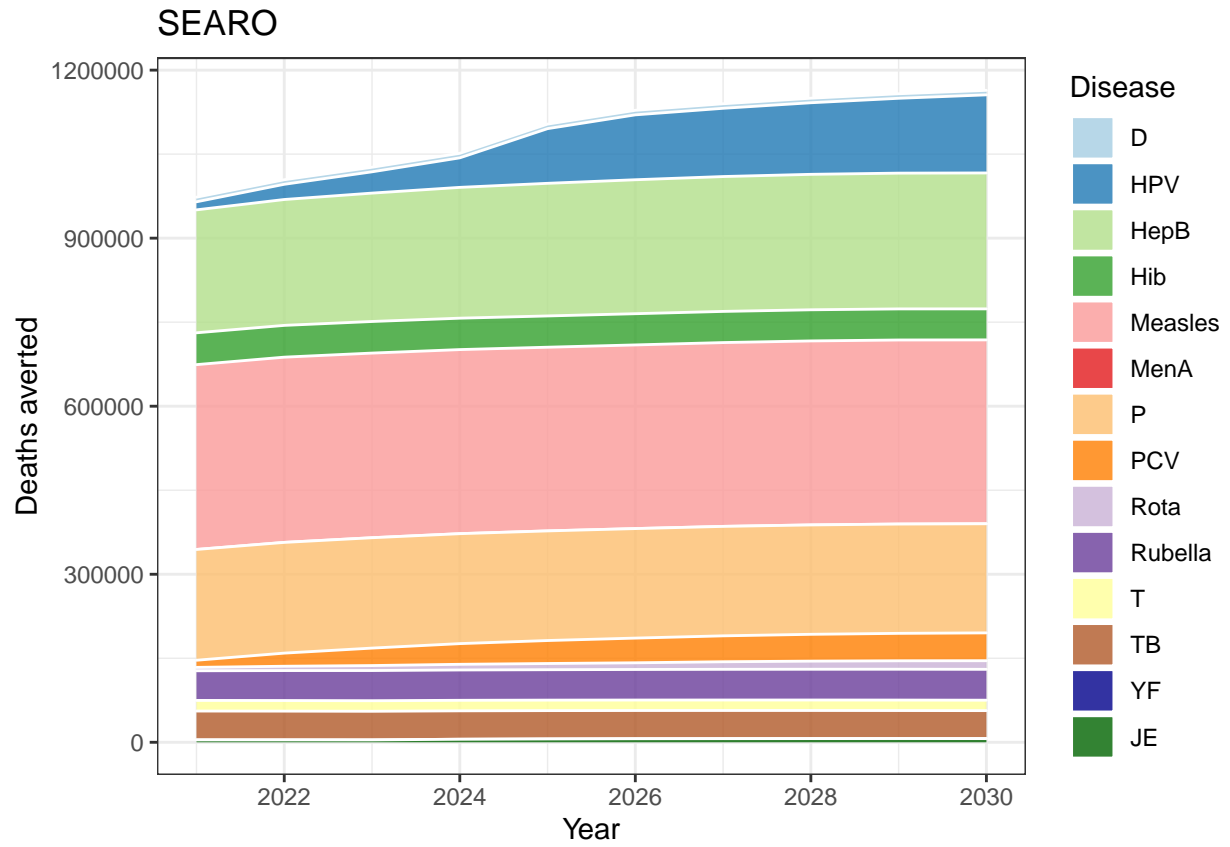
By disease for each region



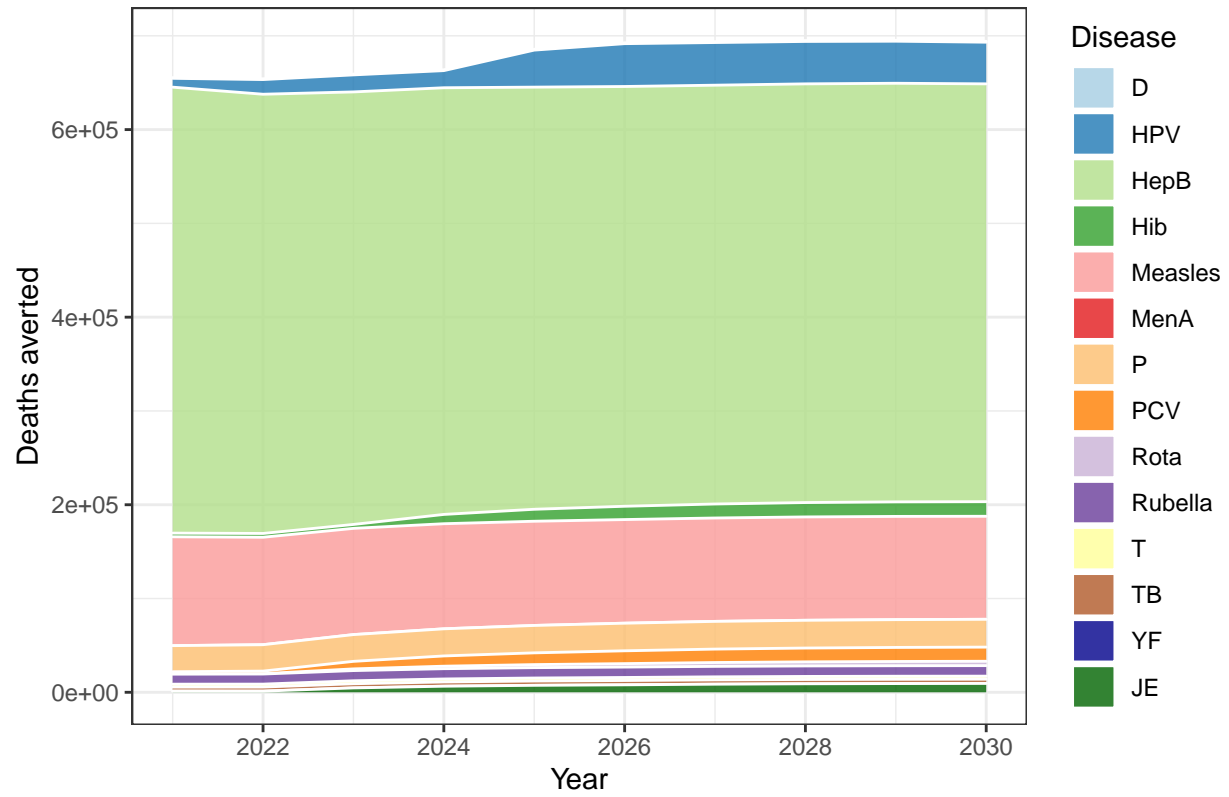


# PAHO

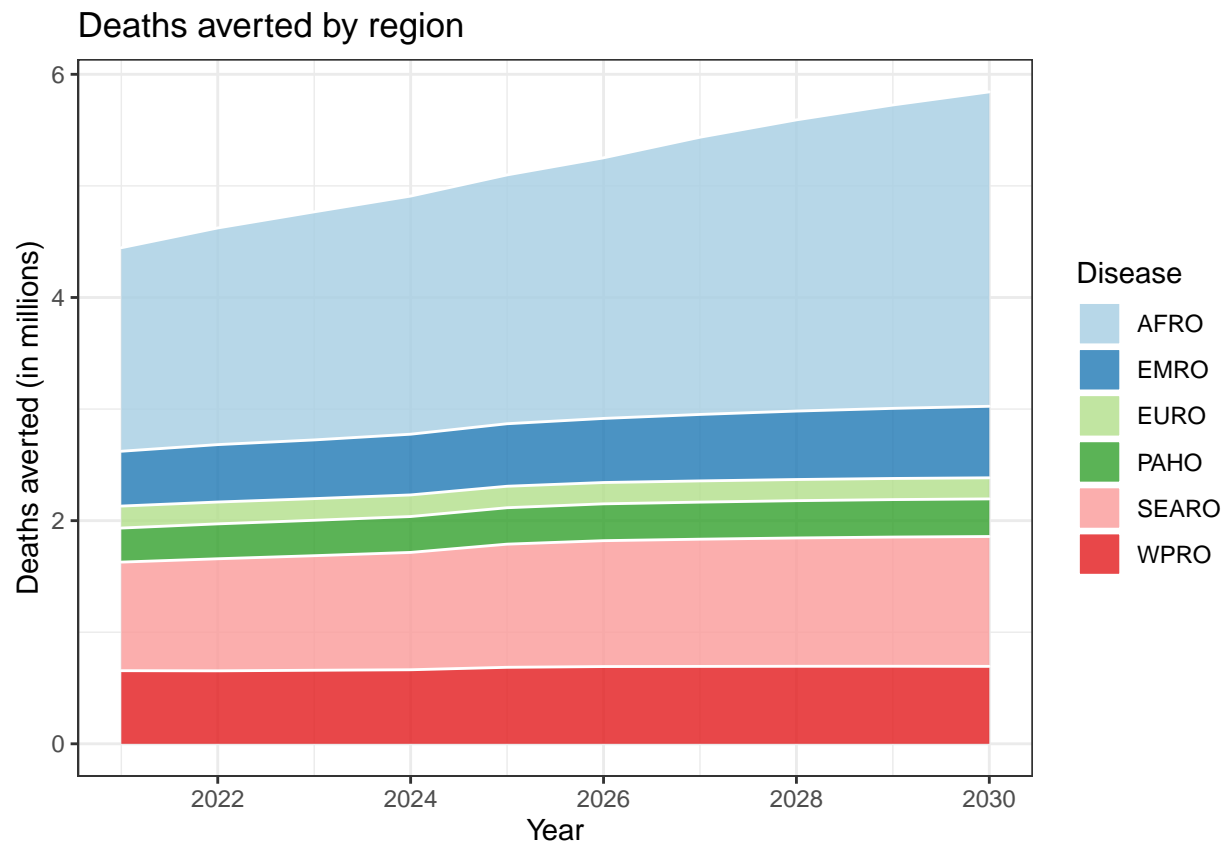




# WPRO

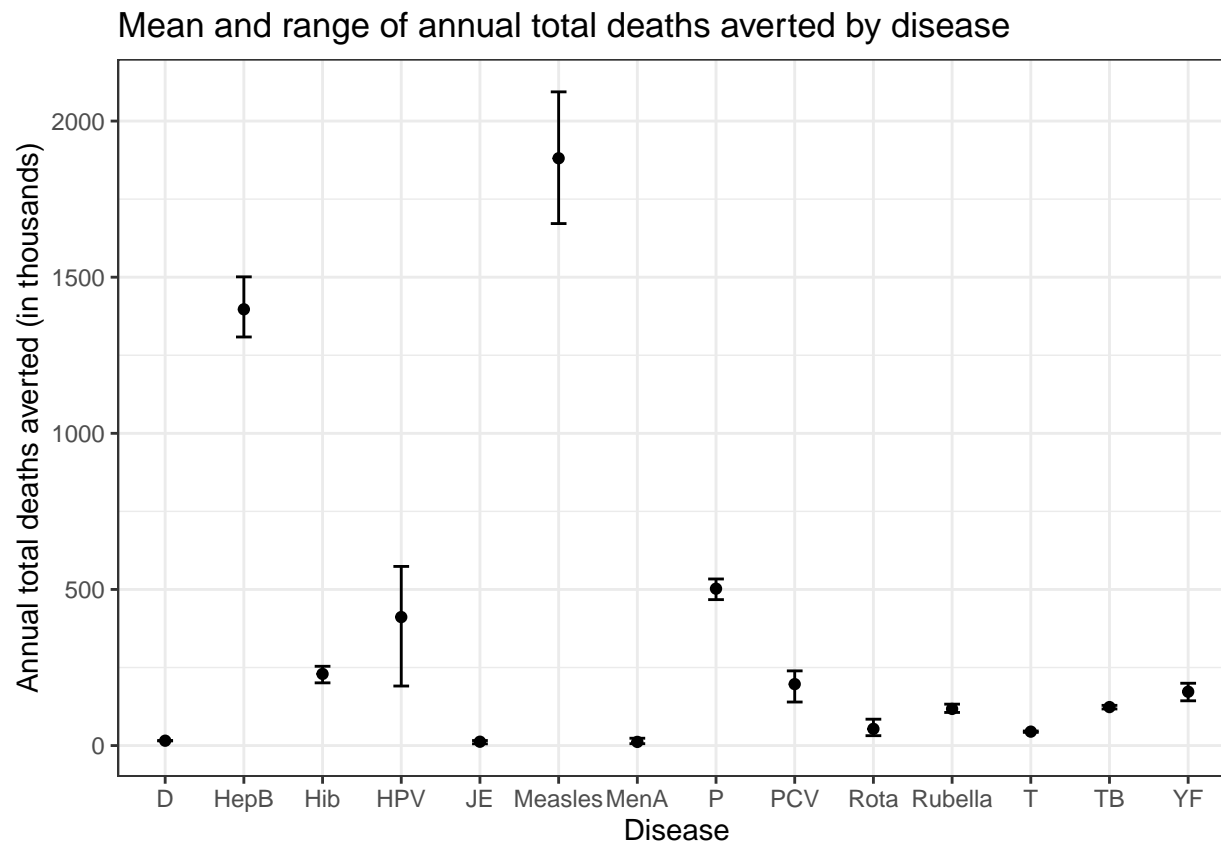


## Total by year by region





By disease mean annual total deaths averted with min and max annual



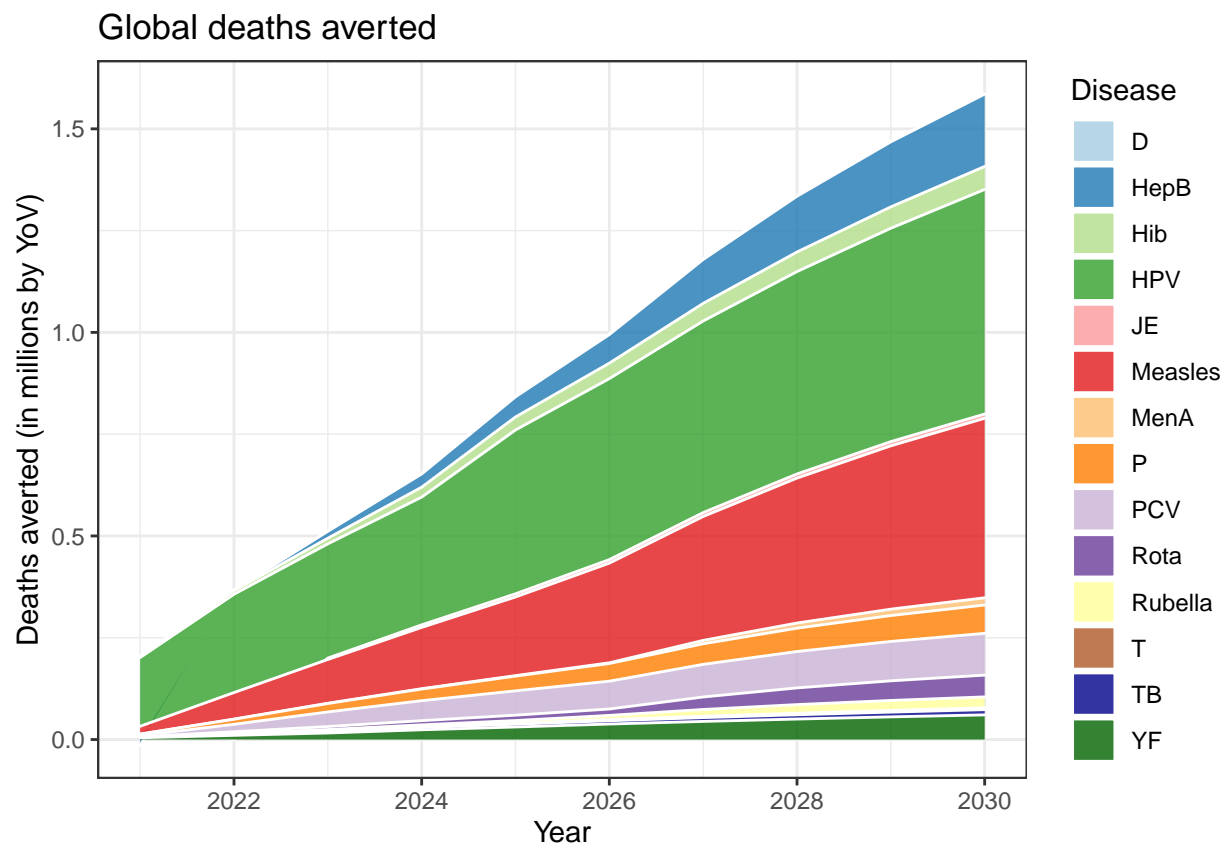
disease	mean	min	max
D	15574.05	14906.068	16142.56
HPV	411534.44	190674.123	573724.18
HepB	1397235.78	1308552.458	1501116.15
Hib	229445.41	200826.749	253897.69
Measles	1880880.28	1671704.924	2093542.80
MenA	11719.93	6029.442	23474.89
P	502471.00	467359.323	533496.61
PCV	196840.52	139472.954	239174.39
Rota	53472.21	31712.297	84475.60
Rubella	117351.61	106024.620	132608.79
T	44615.98	42337.632	46655.45
TB	123262.31	117236.972	128768.55
YF	172502.87	143400.085	199613.29
JE	12301.88	5592.173	16107.86
Total	5169208.28	4445872.663	5842798.81

## Incremental

Global annual incremental

Year	Incremental deaths averted
2021	189998.8
2022	367219.7
2023	511760.2
2024	652807.6
2025	842435.0
2026	995460.3
2027	1180061.4
2028	1335530.5
2029	1469303.3
2030	1586594.8

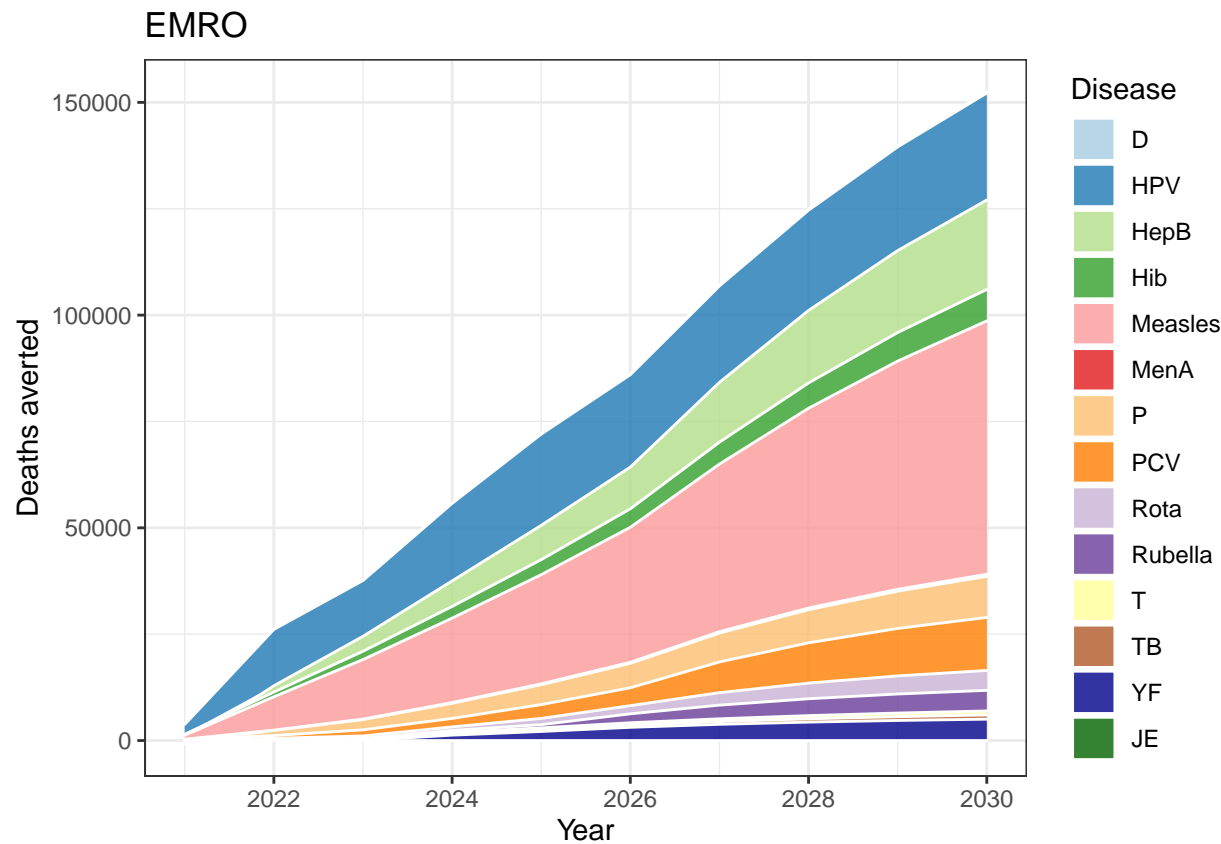
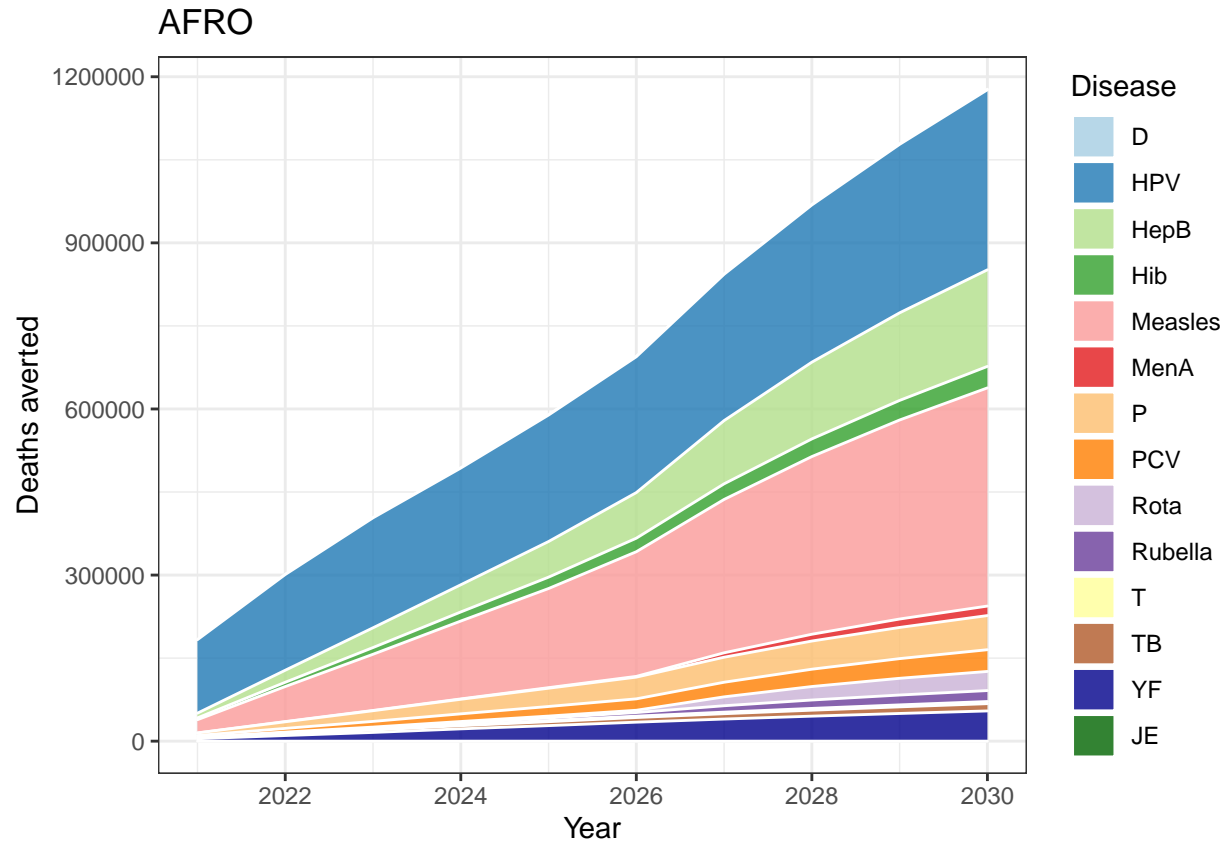
By disease global

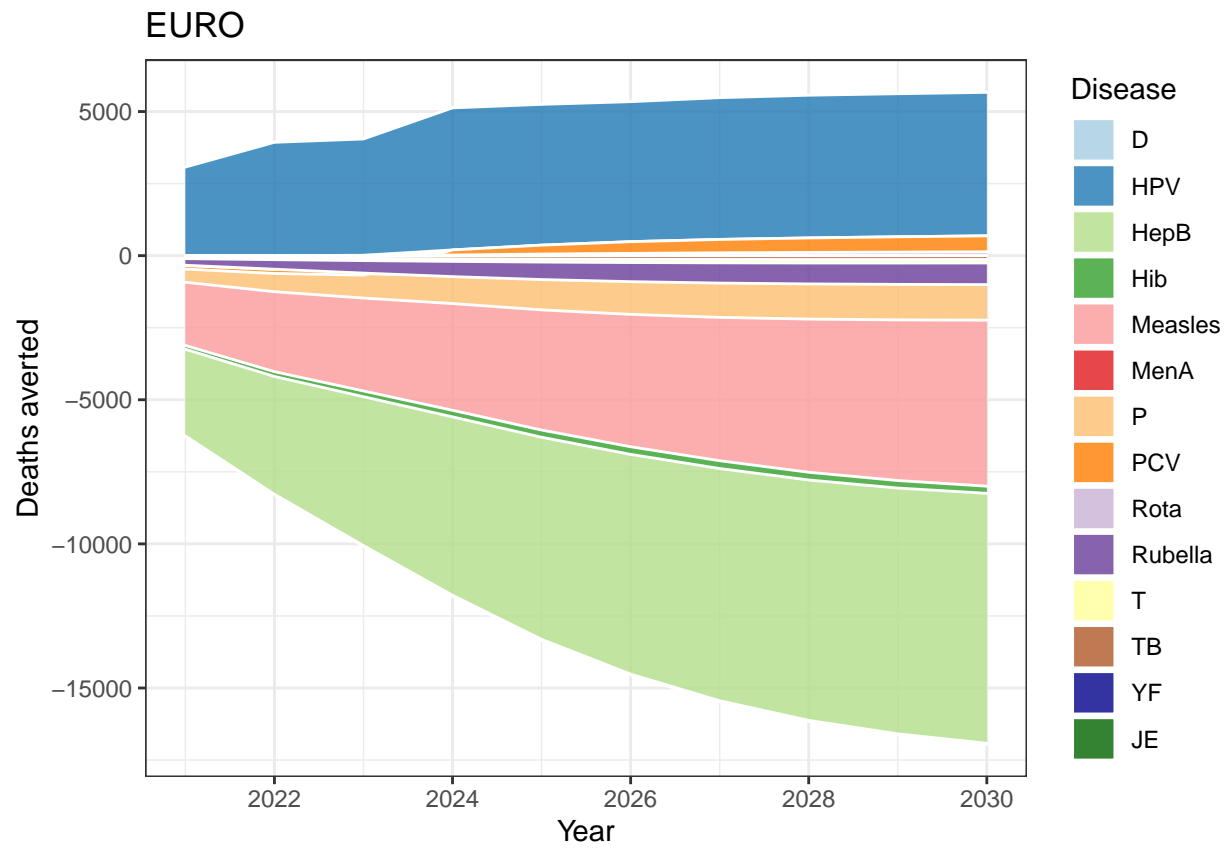


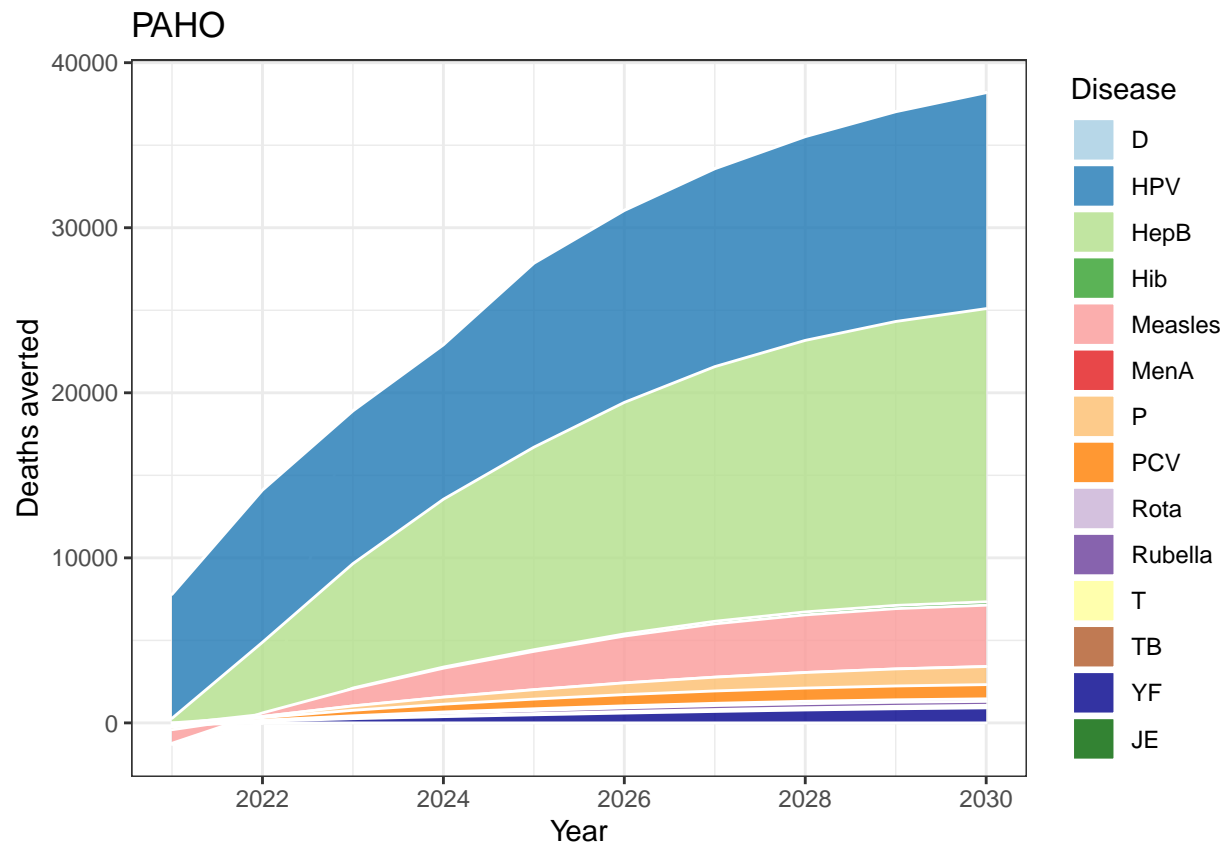
disease	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030
D	64.932175	244.1733	403.3035	550.0973	690.1845	829.5481	961.5912	1085.165	1198.739	1301.427
HPV	168849.764038	1443.80635	280635.8271	313747.0924	2354.8512	4500.0787	70566.0069	97132.1952	12129.1351	1569.751
HepB	-	1419.4117	16881.4617	2481.7779	49533.5247	70248.3133	107917.2272	137030.4017	159831.8417	177697.995
Hib	3461.019288	858.1342	13915.5260	24389.1753	31938.4743	37986.2542	43243.3384	48027.6305	52445.3205	56531.960
JE	5.611426	-	3369.3286	6297.6611	7858.0037	8717.5416	9583.7673	10089.3210	10362.2791	10478.460
Measles	19110.160582	155.4265	107499.4969	650579.3975	3170.3413	14814.1923	304350.8405	56052.7080	1174.5611	10948.036
MenA	248.422649	436.2947	640.4182	836.6270	1247.6559	1628.9003	8292.0321	12701.6591	15663.2477	17693.866

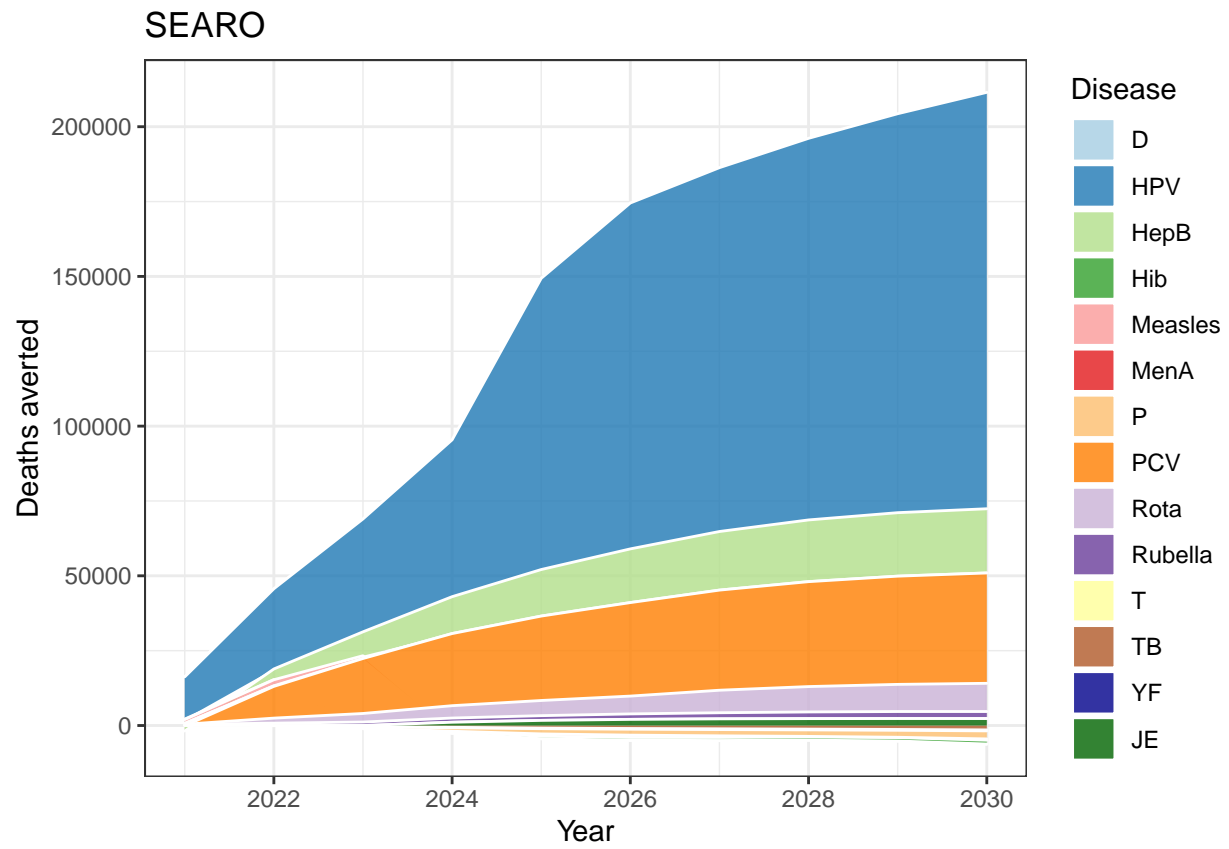
disease	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030
P	3484.131365	2421.3962	20713.2184	28564.8143	36116.2735	43485.4613	50563.6415	57312.1146	63675.6186	69621.419
PCV	2922.55665	118191.6953	5913.2496	19058.0607	59712.4016	8362.1426	10140.4938	9322.5946	6654.0131	02623.994
Rota	694.157856	3618.8863	7309.9678	10399.0484	13265.2381	15724.3104	18730.1818	21055.9181	28285.5345	3457.457
Rubella	230.643022	1628.9863	2950.0265	4705.6011	6704.0519	10256.2125	16644.4032	21189.0824	4452.5426	814.818
T	222.111792	811.0889	1337.8965	1831.1921	2311.7311	2798.5417	3272.6844	3727.317	4152.095	4539.925
TB	1257.16114	2748.5909	4145.5522	5483.4720	6788.0797	8072.9480	9322.6283	10530.3041	1687.5371	2788.735
YF	4313.78648	10279.0497	16044.9122	23883.5767	30744.1718	38035.8435	44472.5225	50274.0455	5590.8160	526.994

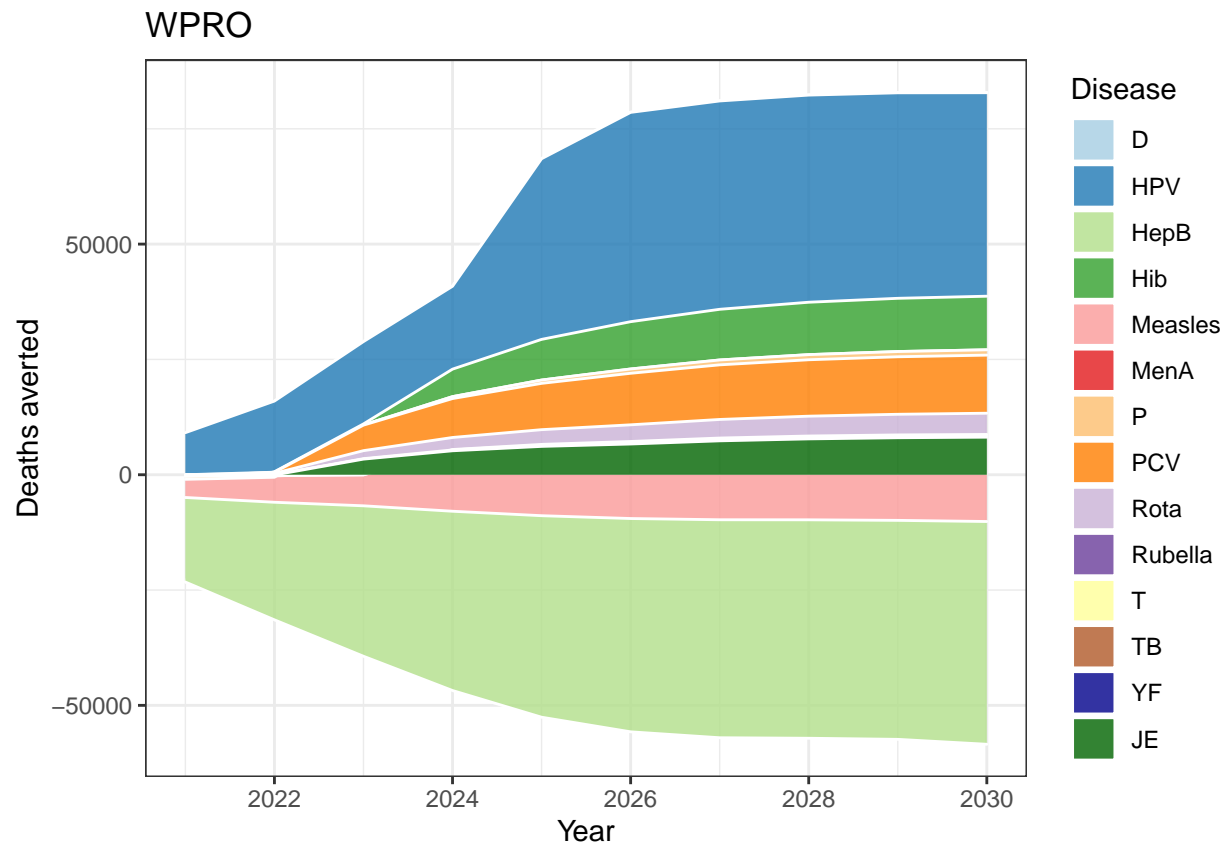
By disease for each region





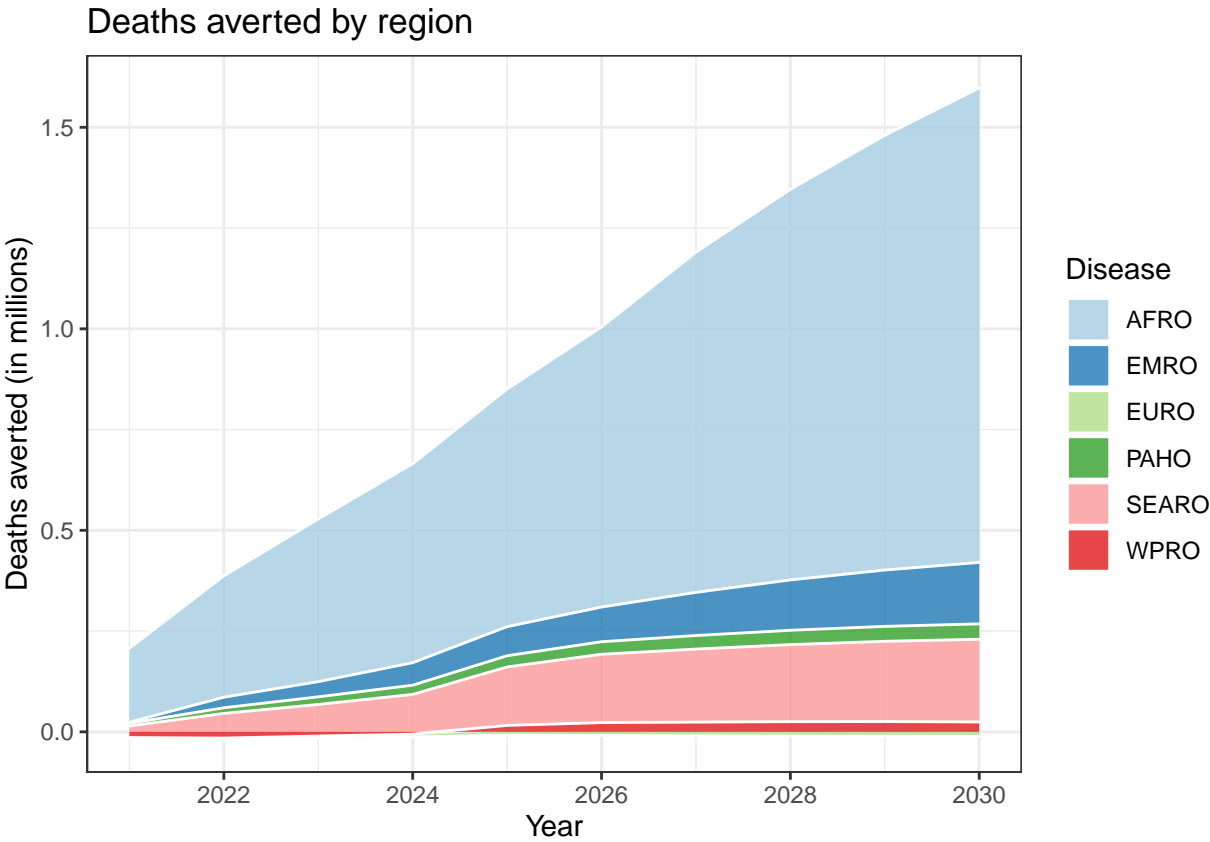




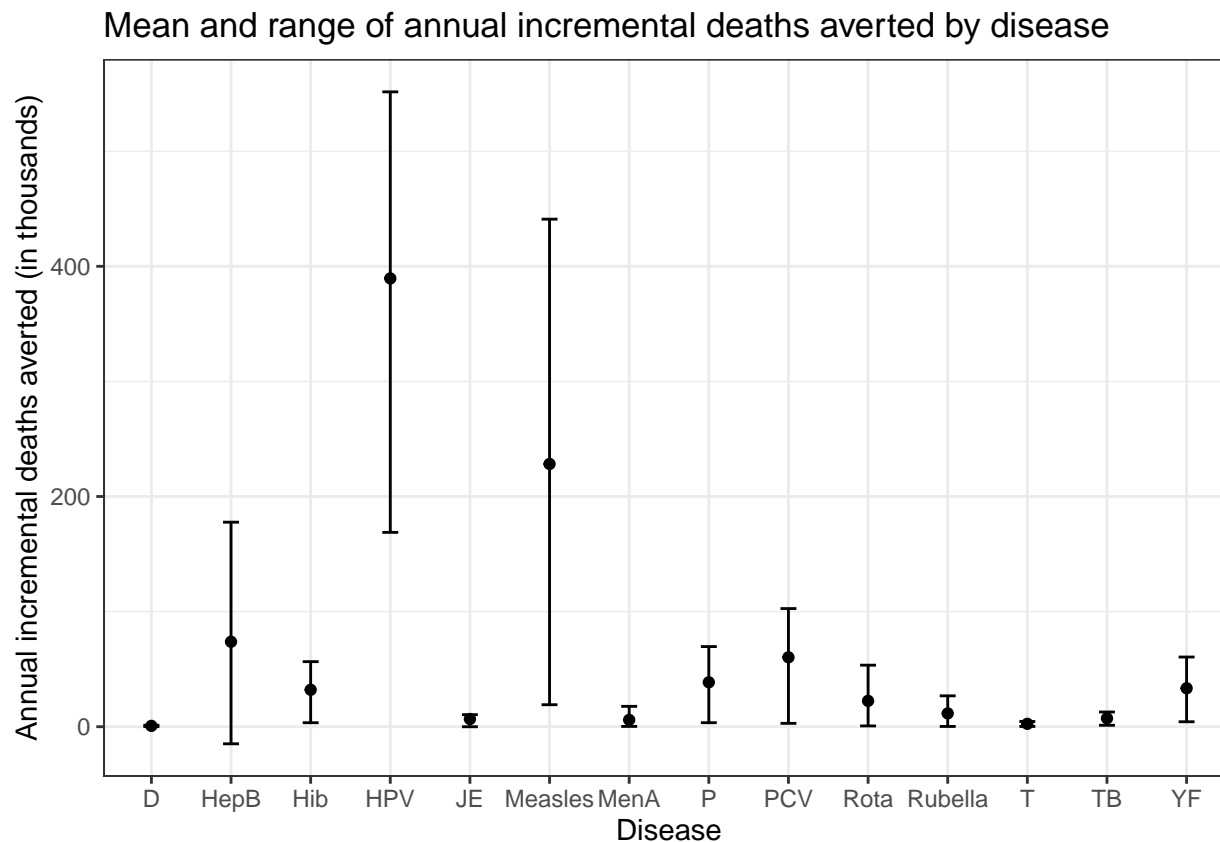




Incremental by year by region



By disease mean annual incremental deaths averted with min and max annual



disease	mean	min	max
D	732.9161	64.93217	1301.427
HPV	389492.8501	168849.76464	551569.751
HepB	73817.6262	-14865.69734	177697.995
Hib	32079.6832	3461.01928	56531.960
Measles	228285.5162	19110.16058	440948.036
MenA	5938.9124	248.42265	17693.866
P	38595.8088	3484.13136	69621.419
PCV	60290.1200	2922.55665	102623.994
Rota	22454.0700	694.15786	53457.457
Rubella	11557.6376	230.64302	26814.818
T	2500.4584	222.11179	4539.925
TB	7282.5008	1257.16115	12788.735
YF	33416.5715	4313.78648	60526.994
JE	6672.4742	-37.23190	10478.460
Total	913117.1453	189998.76172	1586594.839