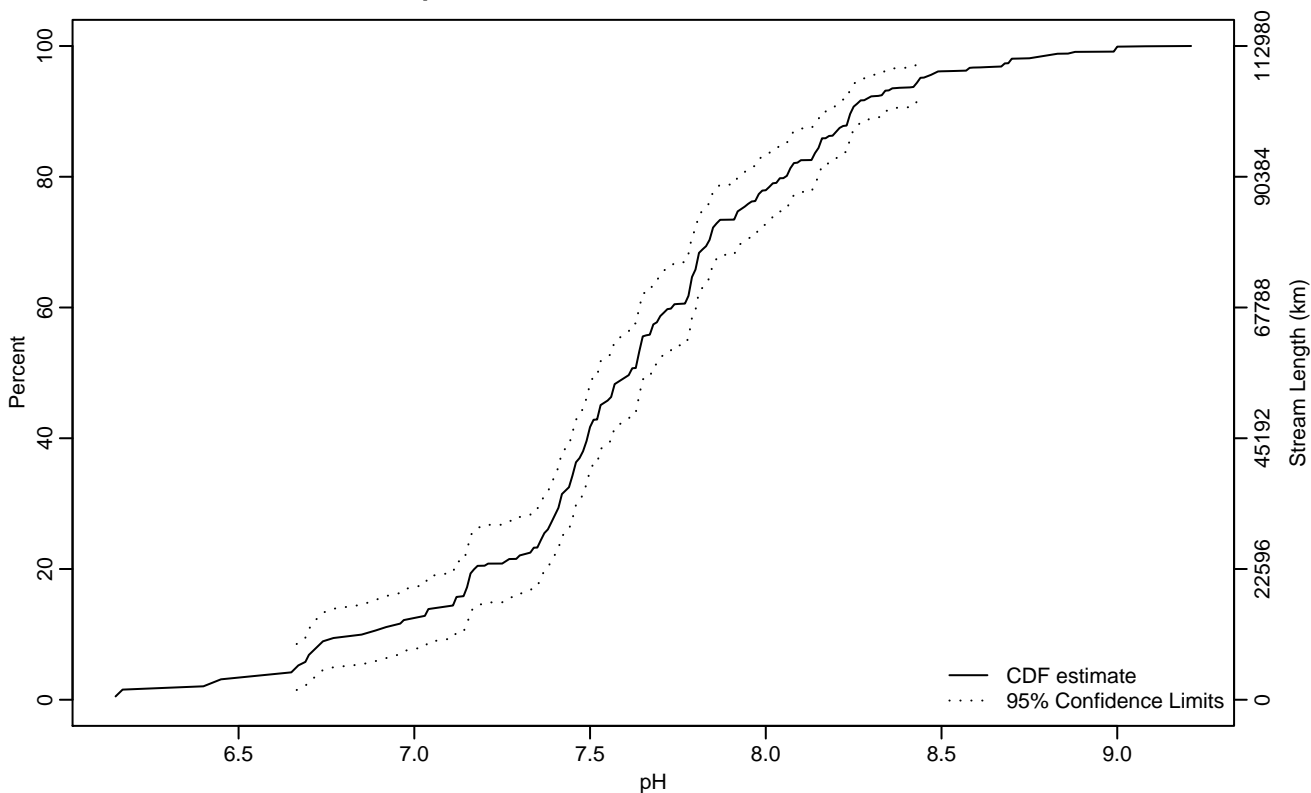


US EPA ARCHIVE DOCUMENT

# Figure chem-1 Indicator: pH Subpopulation: Region 10

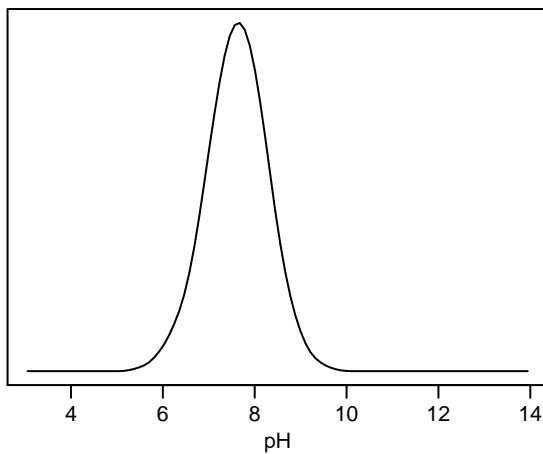
## Empirical Cumulative Distribution Estimate



## Summary Statistics

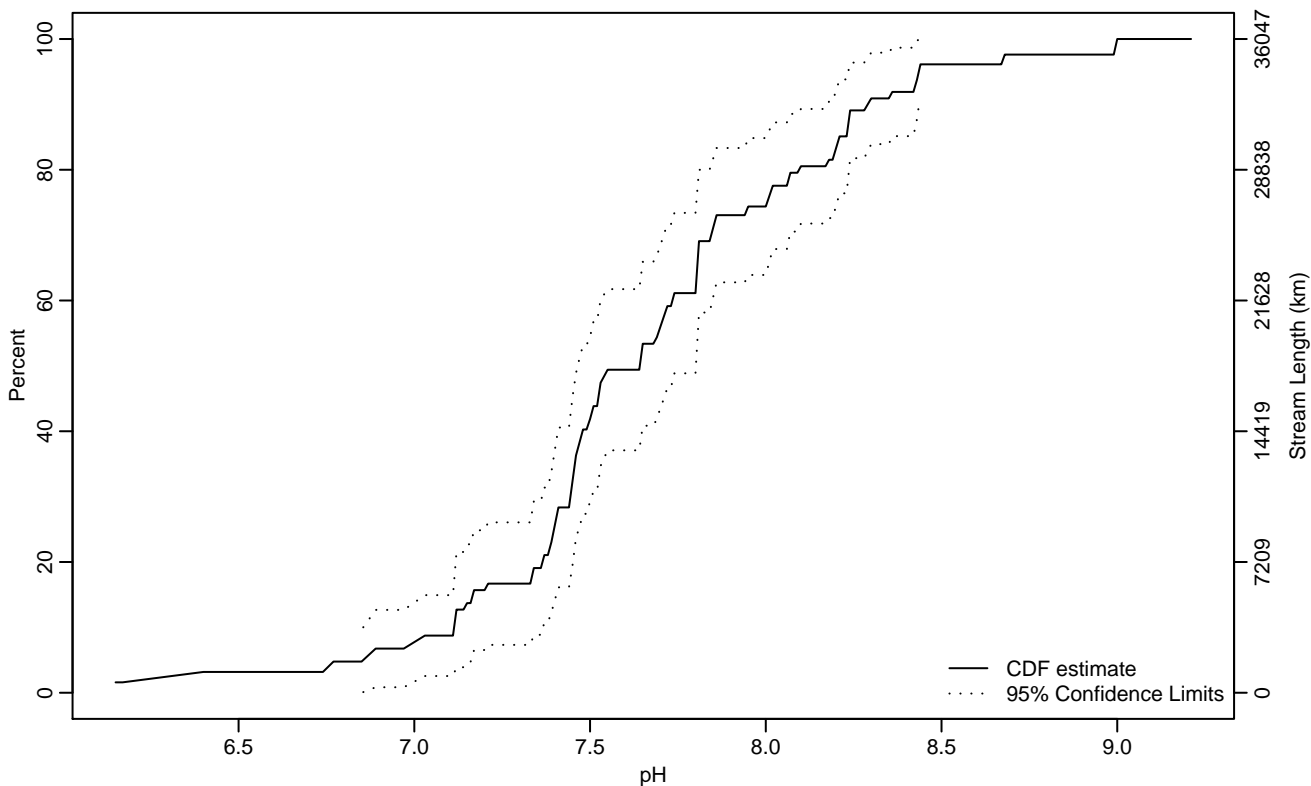
Statistic	Est	LCB	UCB
5Pct	6.67	6.29	6.73
10Pct	6.85	6.67	7.11
25Pct	7.37	7.16	7.42
50Pct	7.61	7.52	7.68
75Pct	7.93	7.83	8.06
90Pct	8.24	8.18	8.42
95Pct	8.44	8.30	8.70
Mean	7.61	7.54	7.68
Std Dev	0.53	0.47	0.59

## Empirical Density Estimate



# Figure chem-2 Indicator: pH Subpopulation: ID

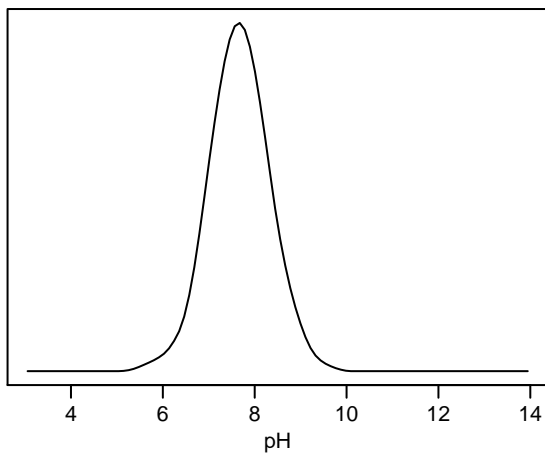
## Empirical Cumulative Distribution Estimate



## Summary Statistics

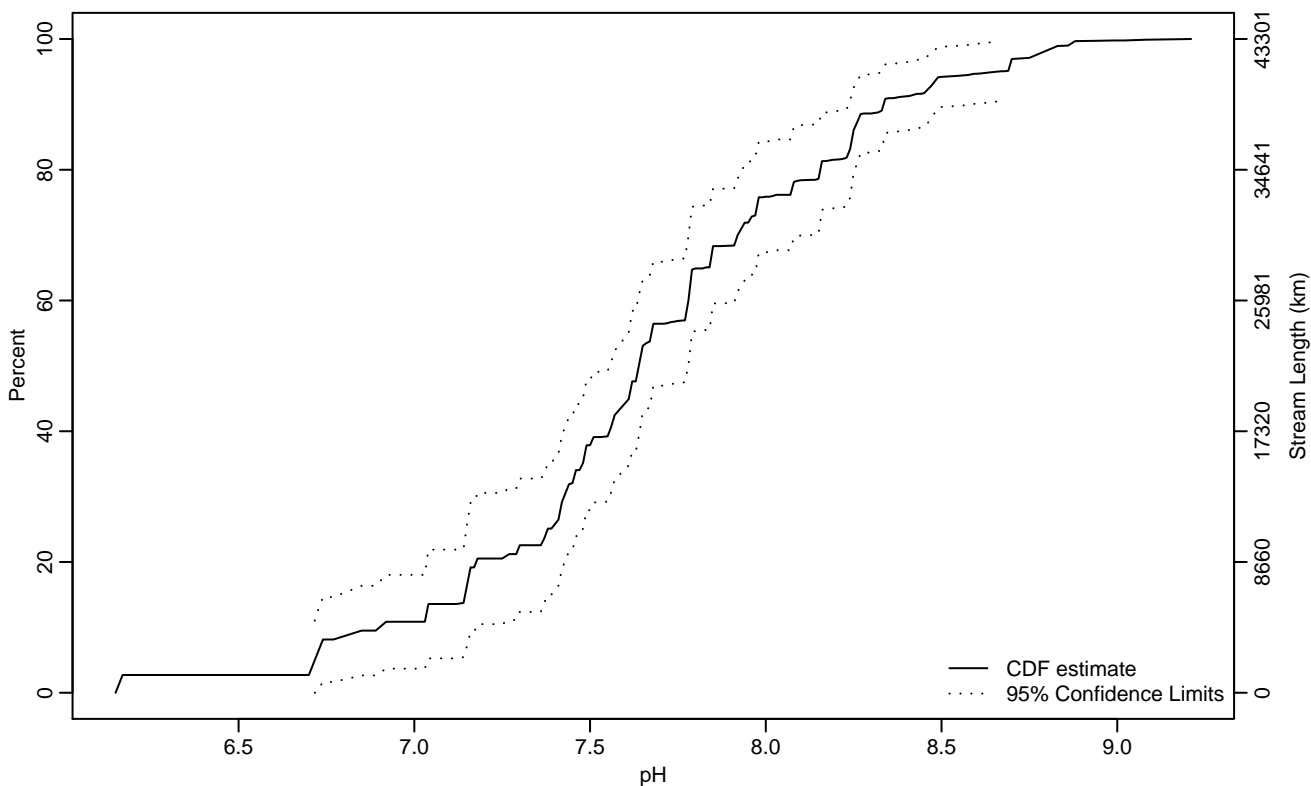
Statistic	Est	LCB	UCB
5Pct	6.85	6.15	7.11
10Pct	7.11	6.75	7.21
25Pct	7.40	7.16	7.46
50Pct	7.64	7.47	7.80
75Pct	8	7.80	8.23
90Pct	8.29	8.20	8.68
95Pct	8.44	8.24	9
Mean	7.66	7.54	7.78
Std Dev	0.52	0.41	0.63

## Empirical Density Estimate



# Figure chem-3 Indicator: pH Subpopulation: OR

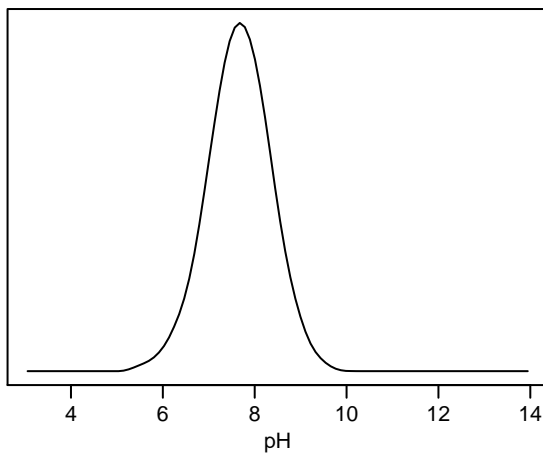
## Empirical Cumulative Distribution Estimate



## Summary Statistics

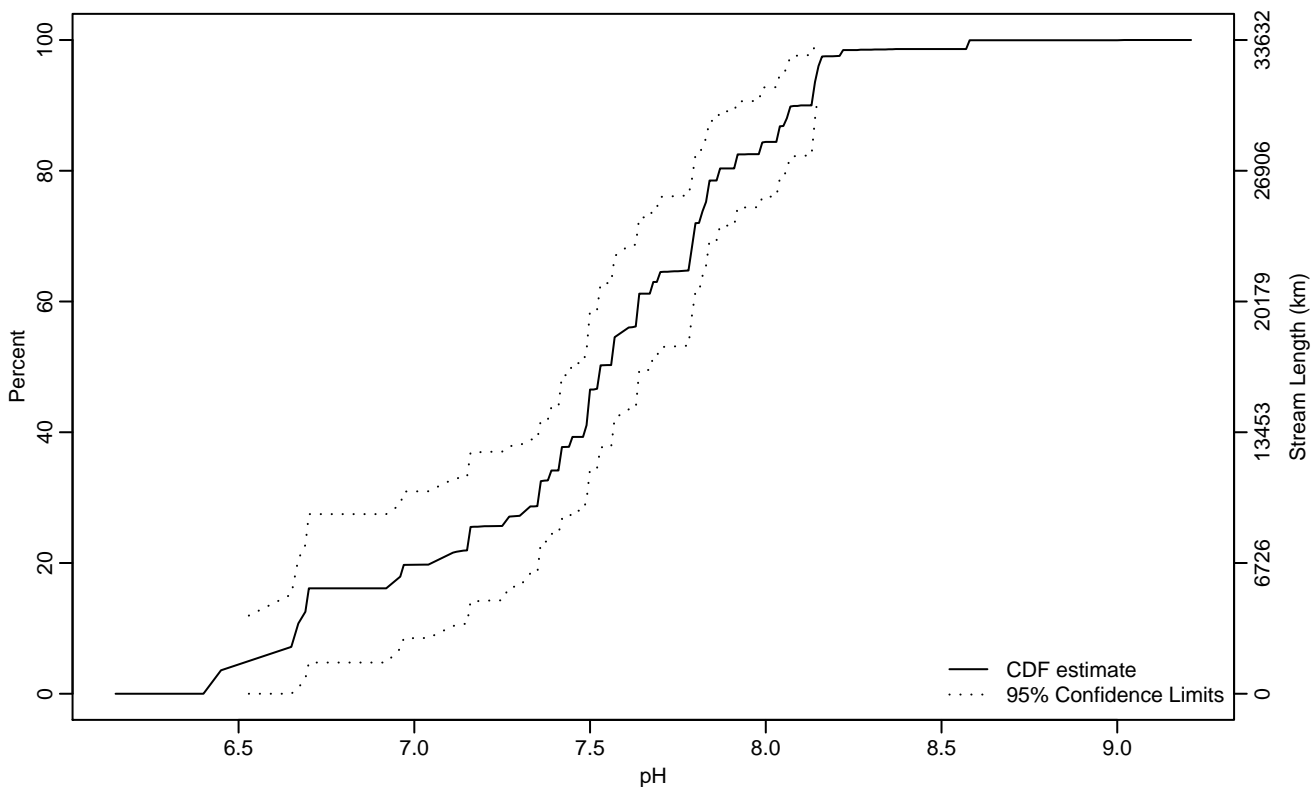
Statistic	Est	LCB	UCB
5Pct	6.72	6.15	6.84
10Pct	6.90	6.70	7.15
25Pct	7.38	7.15	7.48
50Pct	7.64	7.54	7.78
75Pct	7.98	7.84	8.24
90Pct	8.34	8.24	8.69
95Pct	8.66	8.34	8.88
Mean	7.66	7.54	7.78
Std Dev	0.56	0.46	0.66

## Empirical Density Estimate



# Figure chem-4 Indicator: pH Subpopulation: WA

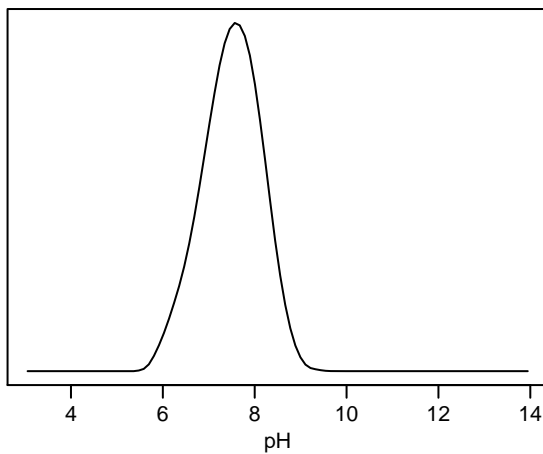
## Empirical Cumulative Distribution Estimate



## Summary Statistics

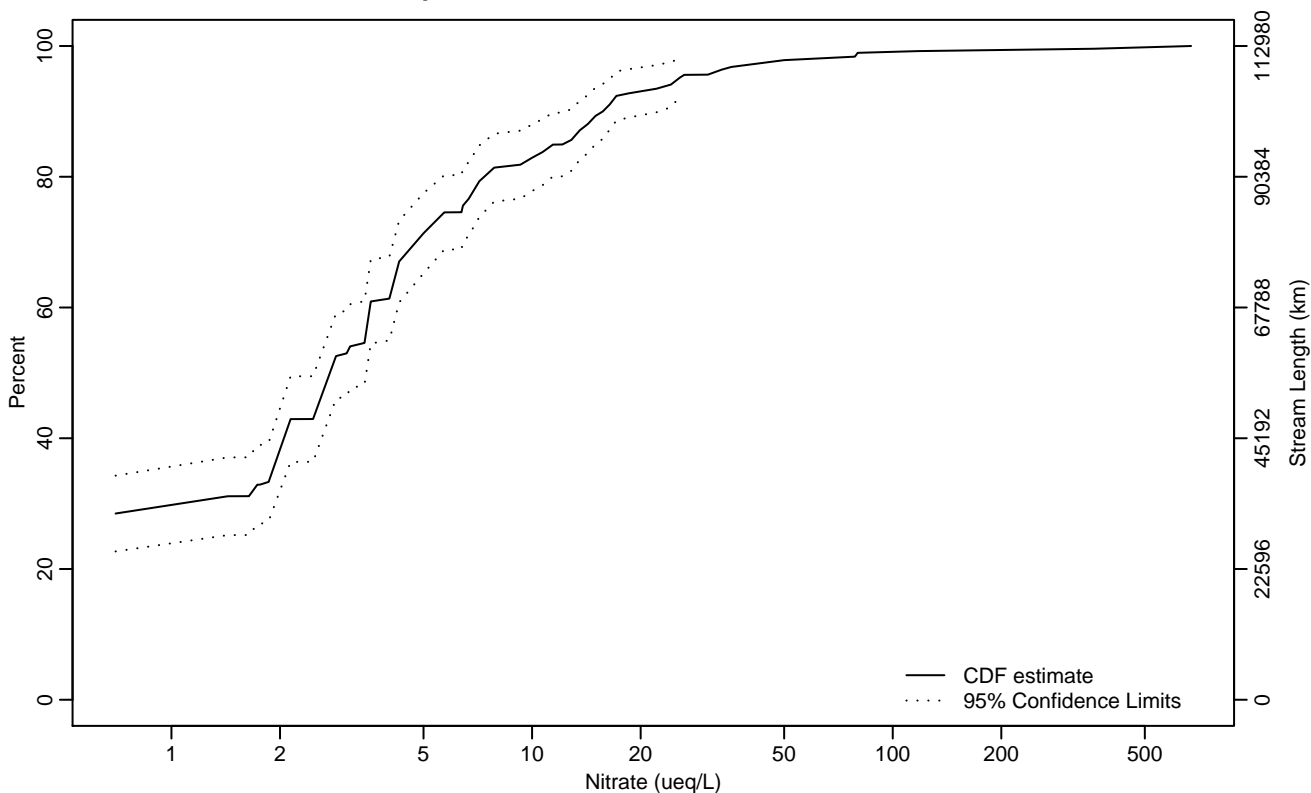
Statistic	Est	LCB	UCB
5Pct	6.53	6.15	6.68
10Pct	6.67	6.43	6.96
25Pct	7.16	6.69	7.42
50Pct	7.53	7.44	7.67
75Pct	7.83	7.78	8.03
90Pct	8.13	7.92	8.21
95Pct	8.15	8.07	9.02
Mean	7.49	7.37	7.62
Std Dev	0.49	0.40	0.58

## Empirical Density Estimate



# Figure chem-5 Indicator: Nitrate Subpopulation: Region 10

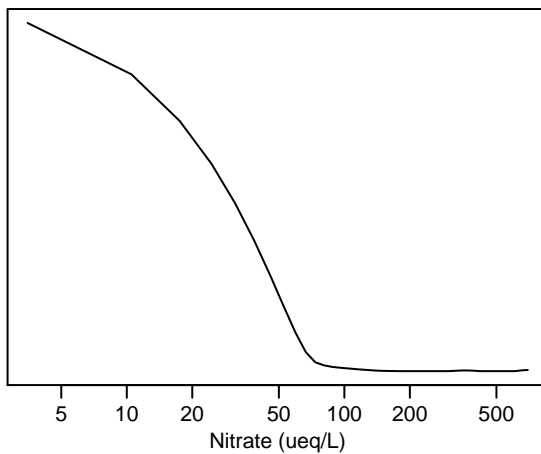
## Empirical Cumulative Distribution Estimate



## Summary Statistics

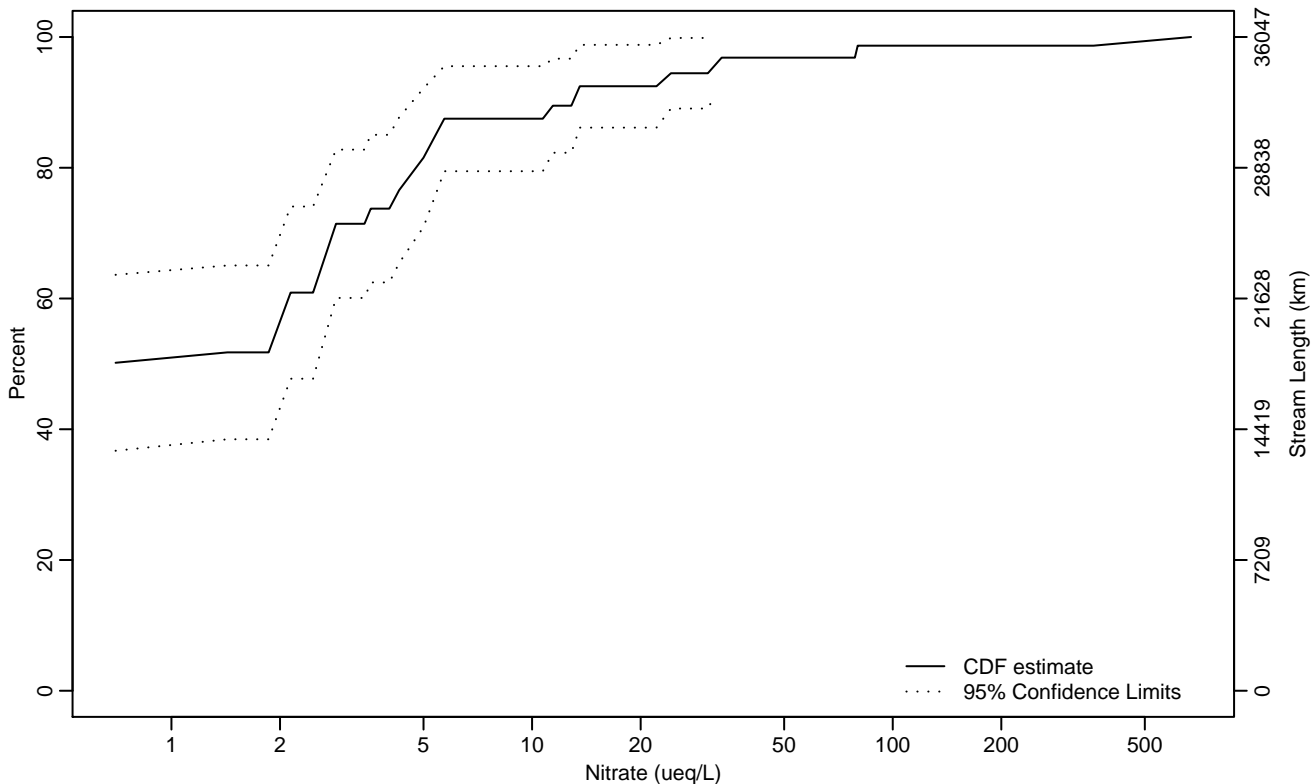
Statistic	Est	LCB	UCB
5Pct	0.70	0.70	0.70
10Pct	0.70	0.70	0.70
25Pct	0.70	0.70	1.39
50Pct	2.76	2.49	3.47
75Pct	6.40	4.65	7.63
90Pct	15.71	12.93	24.41
95Pct	25.47	16.68	78.74
Mean	10.71	5.25	16.18
Std Dev	40.58	18.48	62.67

## Empirical Density Estimate



# Figure chem-6 Indicator: Nitrate Subpopulation: ID

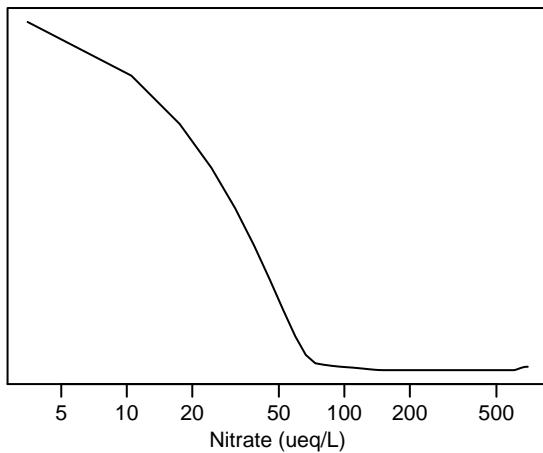
## Empirical Cumulative Distribution Estimate



## Summary Statistics

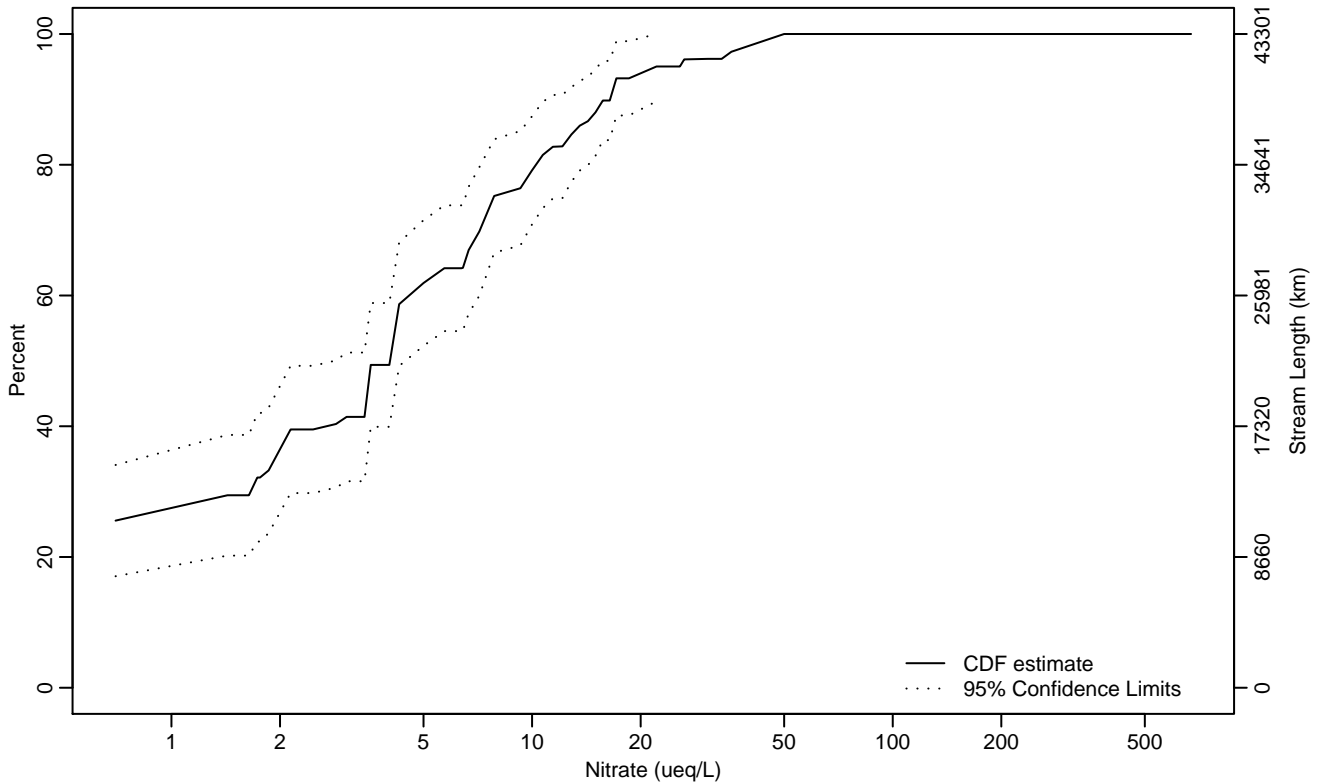
Statistic	Est	LCB	UCB
5Pct	0.70	0.70	0.70
10Pct	0.70	0.70	0.70
25Pct	0.70	0.70	0.70
50Pct	0.70	0.70	2.56
75Pct	4.14	2.57	5.56
90Pct	12.97	5.15	78.79
95Pct	31.36	12.88	671.78
Mean	13.94	-1.34	29.22
Std Dev	77.15	13.79	140.52

## Empirical Density Estimate



# Figure chem-7 Indicator: Nitrate Subpopulation: OR

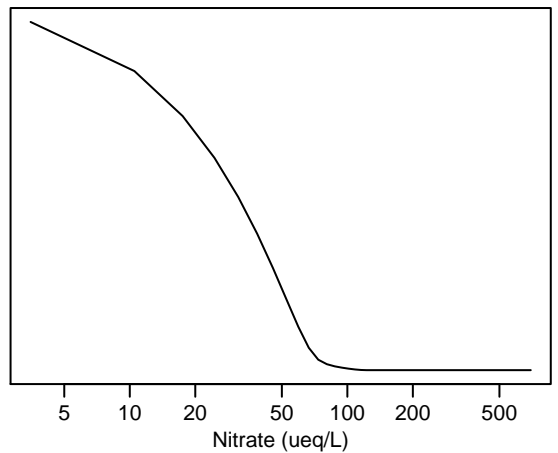
## Empirical Cumulative Distribution Estimate



## Summary Statistics

Statistic	Est	LCB	UCB
5Pct	0.70	0.70	0.70
10Pct	0.70	0.70	0.70
25Pct	0.70	0.70	1.87
50Pct	4.04	2.90	4.45
75Pct	7.82	6.52	12.91
90Pct	16.46	12.58	26.37
95Pct	22.07	15.51	49.98
Mean	7.11	4.92	9.29
Std Dev	9.59	5.20	13.98

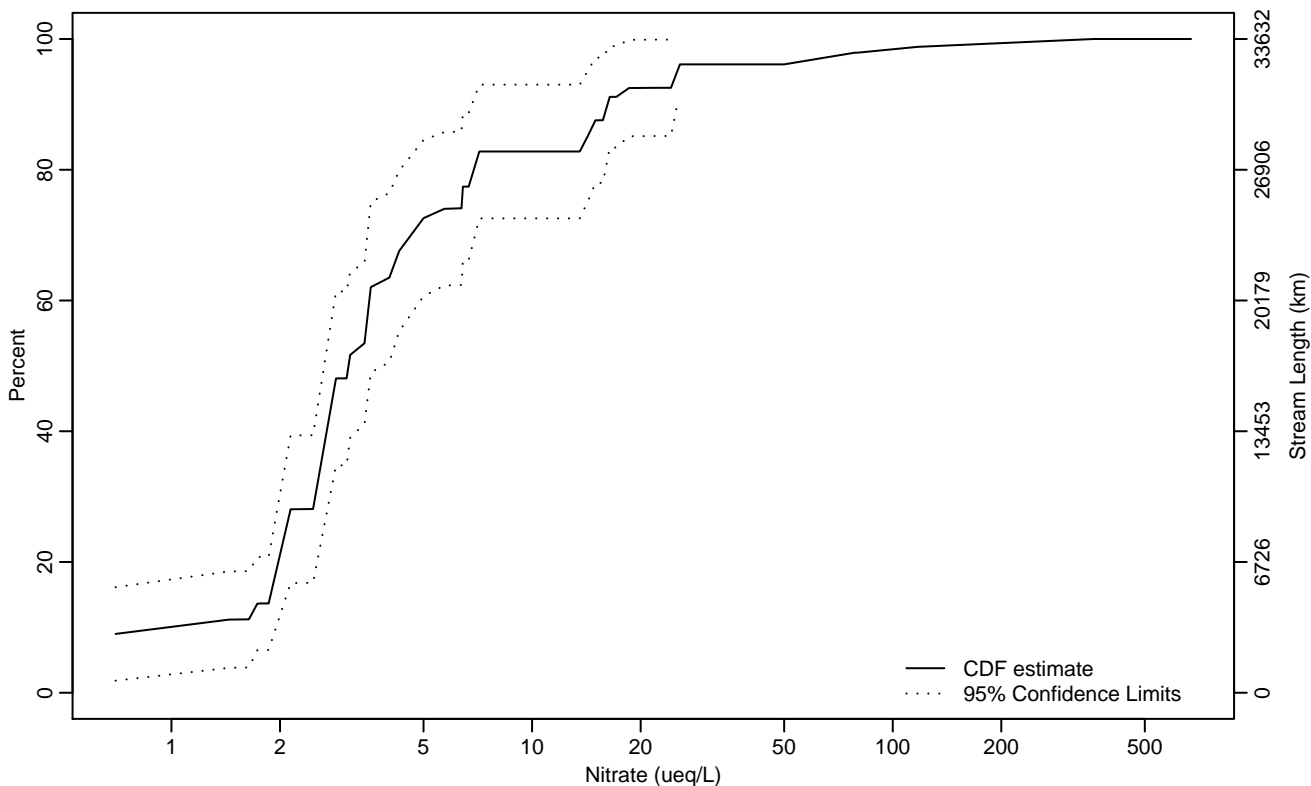
## Empirical Density Estimate





# Figure chem-8 Indicator: Nitrate Subpopulation: WA

## Empirical Cumulative Distribution Estimate



## Summary Statistics

Statistic	Est	LCB	UCB
5Pct	0.70	0.70	1.68
10Pct	1.04	0.70	1.93
25Pct	2.08	1.94	2.55
50Pct	3.10	2.64	3.94
75Pct	6.39	3.95	14.74
90Pct	16.19	6.93	278.22
95Pct	25.25	15.72	360.36
Mean	11.90	4.09	19.70
Std Dev	41.27	11.87	70.67

## Empirical Density Estimate

