Stocking measures with big salmonids in the Rhine system 2010

Country / Water body	Stocking				
Switzerland	Kind and stage	Number	Origin	Marking	25.000
	Lb (L_a)	15.000	Allier	no	
	Lp	10.000	Allier	cwt a/c	
France					282.480
Rhine (Old Rhine)	Lb (L0)	26.500	Allier	no	
	Lb (L_a)	24.800	Allier	no	
	Lb (L_a)	8.300	Allier	no	
Doller	Lb (L_a)	30.000	Allier	no	
Thur	Lb (L_a)	31.000	Allier	no	
Lauch	Lb (L_a)	10.000	Allier	no	
Fecht and tributaries	Lb (L_a)	34.550	Allier	no	
	Lb (L_a)	8.450	Allier	no	
Giessen and tributaries	Lb (L_a)	30.000	Allier	no	
Bruche	Lb (L_a)	65.480	Allier	no	
	Lb (L_a)	8.400	Rhine	no	
Moselle	Lb (L_a)	5.000	Ätran (HAT)	no	
Luxemburg		0			
Germany, Bavaria		n. s.			
Germany, Baden-Württemberg					223.040
Alb	Lb (L_a)	27.540	Allier	no	
Murg	Lb (L_a)	48.000	Allier	no	
Oos	Lb (L_a)	13.000	Allier	no	
Rench	Lb (L_a)	15.000	Allier	no	
Kinzig and tributaries	Lb (L_a)	105.800	Allier	no	
Elz	Lb (L_a)	8.700	Allier	no	
Dreisam	Lb (L_a)	3.000	Allier	no	
Wiese	Lb (L_a)	2.000	Allier	no	
Germany, Hesse					30.500
Lahn	Lp	3.500	Lahn	a/c	
Kinzig	Lp	800	Lahn; Lahn x EFH Sieg	no	
Schwarzbach	Lp	9.200	Lahn; Lahn x EFH Sieg	no	
Wisper	Ls 1	1.900	EFH Sieg	a/c	
Wisper	Lp	8.600	EFH Saynbach	no	
Nidda	Mf p	6.500	Wupper	a/c	
Germany, Rhineland Palatinate					119.550
Ahr	Ls 1	9.850	EFH Sieg	a/c	
	Lp	34.000	Lahn & Lahn x EFH Sieg (80%), EFH Sieg (20%)		
Lahn	Ls 1	1.600	EFH Sieg	a/c	
	Lp	3.000	Lahn	a/c	
Moselle	Ls 1	3.300	EFH Sieg	a/c	
	Lp	20.000	Lahn; Lahn x EFH Sieg		
Saynbach	Ls 1	3.300	EFH Sieg	a/c	
Sieg	Lp	5.000	EFH_Sieg		
	Lp	18.000	EFH Sieg (25%), KFS Sieg (75%)		
	La	11.000	KFS Sieg		
	Ls 1	4.000	EFH Sieg		
	Lp 1	1.000	EFH Sieg		
	Ls 1	3.500	EFH Sieg	a/c	
Wieslauter	Lp	2.000	Allier		
Germany, North Rhine Westphalia					663.977
Sieg and tributaries	Lb (L0)	55.000	Sieg	no	
	Lb (L_a)	397.669	Sieg (partly Ätran)	no	
	Lp	35.000	Sieg	no	
	L1	20.426	Sieg	no	
	L1 / Ls	17.292	Sieg	partly cwt a/c	
	L1 / Ls	2.290	Sieg	cwt a/c	
	L1 / Ls	40	Sieg	Transponder	
	L1 / Ls	60	Sieg	no	
Wupper and small tributaries	Lb (L_a)	81.000	Sieg	no	
	Lp	15.000	Sieg	no	
	L1 / Ls	40	Sieg	Transponder	
	L1 / Ls	60	Sieg	no	
Dhünn and small tributaries	Lb (L_a)	40.000	Ätran	no	
	L1 / Ls	40	Sieg	Transponder	
	L1 / Ls	60	Sieg	no	

cwt = coded wire tags; a/c = adipose clipping; EFH = parent fish keeping;
KFS = Monitoring and catching station; L e = salmon spawn; L b = Salmon fry; L0 0 unfeeded fry; La = feeded fry;
L p = Salmon parr; L ps = Salmon pre-smolt; L s = Salmon smolt; L 1 = one year old salmon; L 2 = two years old salmon
Mf p = Sea trout parr; k. A. = not specified by deadline

Sum stocking stages		**1.344.547**			
Sum only salmon		1.338.047			

Stocking measures with big salmonids in the Rhine system 2011

Country / Water body	Stocking				
Switzerland	Kind and stage	Number	Origin	Marking	23.800
Rhine	Lp	7.000	Allier	cwt a/c	
Birs	Lp	1.000	Allier	cwt a/c	
Ergolz	Lp	500	Allier	cwt a/c	
Riehen Tych	Lp	300	Allier	cwt a/c	
Wiese	Lp	1.000	Allier	cwt a/c	
Arisdörferbach	Lb (L_a)	3.000	Allier	no	
Möhlinbach	Lb (L_a)	6.000	Allier	no	
Etzgerbach	Lb (L_a)	2.000	Allier	no	
Bachtalbach	Lb (L_a)	1.000	Allier	no	
Magdenerbach	Lb (L_a)	2.000	Allier	no	
France					367.120
Rhine (Old Rhine)	L0	80.000	Allier	no	
	L0	45.700	Allier	no	
	La	91.000	Allier	no	
Doller	La	2.500	Allier	no	
Thur	La	16.750	Allier	no	
Lauch	La	22.000	Allier	no	
Fecht and tributaries	La	5.760	Allier	no	
	La	31.200	Allier	no	
Giessen and tributaries	La	12.690	Allier	no	
Bruche	La	37.220	Allier	yes 2120 a/a	
	La	17.300	Allier	no	
Moselle	La	5.000	Ätran (HAT)	no	
Luxemburg					10.000
Sure (Moselle)	L1	10.000	Atran (DCV)	cwt a/c	
Germany, Baden-Württemberg					285.950
Alb	La	19.800	Allier	no	
Murg	La	81.000	Allier	no	
	Lp	500?	Allier	no	
Oos, Oosbach	La	15.000	Allier	no	
Rench	La	12.000	Allier	no	
Kinzig and tributaries Erlenbach,	La	121.550	Allier	no	
Gutach, Wolf	Ls	4.600	Allier	no	
Elz	La	25.000	Allier	no	
Dreisam	La	2.000	Allier	no	
Wiese	La	5.000	Allier	no	
Germany, Hesse					13.600
Lahn, Dill, Weil	-	-	-	-	
Kinzig (Main)	Lp	400	Sieg (HAT)	no	
Schwarzbach (Main)	Lp	4.600	Sieg (HAT)	no	
Main (test fish hydroelectric plant Kosthe	Ls	2.800	Sieg (HAT)	a/c	
Wisper	Ls	1.800	Sieg (HAT)	a/c	
Wisper	Lp	4.000	Sieg & Saynbach (HAT)		
Germany, Rhineland Palatinate					101.970
Ahr	Ls	10.000	Ätran (DCV)	no	
	Ls	4.000	Sieg (HAT)	a/c	
	Lp	33.500	Sieg (HAT)	no	
Lahn, Mühlbach	-	-	-	-	
Moselle, Elzbach	Ls	6.000	Sieg (HAT)	a/c	
	Lp	2.570	Sieg	no	
Saynbach	Ls	3.500	Sieg (HAT)	a/c	
Nister, Kleine Nister (Sieg)	Ls	10.200	Sieg	a/c	
	Lp	10.000	Sieg (HAT)	no	
Nister (Sieg)	Lp	12.800	Sieg (HAT)	no	
Wisserbach (Sieg)	Ls	2.400	Sieg (HAT)	a/c	
Wieslauter	Lp	7.000	Allier	no	
Germany, North Rhine Westphalia					565.711
Sieg and tributaries	Lb (L0)	176.129	Sieg	no	
	Lb (L_a)	192.417	Sieg	no	
	Lp 1+	16.550	Sieg	partly a/c	
	Lp 1+	24.000	Ätran (DCV)	a/c	
	L1 / Ls	5.420	Sieg	cwt a/c	
	L1 / Ls	65	Sieg	Transponder	
Wupper and small tributaries	Lb (L0)	50.000	Sieg	no	
	Lb (La)	66.000	Sieg	no	
	L1 / Ls	65	Sieg	Transponder	
Dhünn and small tributaries	Lb (L0)	35.000	Sieg	no	
	L1 / Ls	65	Sieg	Transponder	

cwt = coded wire tags; a/c = adipose clipping; EFH = brood stock keeping; HAT = Hasper reservoir and dam

KFS = Monitoring and catching station; L e = salmon spawn; L b = Salmon fry; L0 0 unfed fry; La = fed fry;

L p = Salmon parr; L ps = Salmon pre-smolt; L s = Salmon smolt; L 1 = one year old salmon; L 2 = two years old salmon

Mf p = Sea trout parr; k. A. = not specified by deadline DCV = Danish Center for Vildlaks (Wild salmon)

Sum stocking stages **1.368.151**

Stocking measures with big salmonids in the Rhine system 2012

Country / Water body	Stocking				
Switzerland	Kind and stage	Number	Origin	Marking	23.500
Rhine	Lp	6.200	Allier	cwt ac	
Birs	Lp	1.000	Allier	cwt ac	
Ergolz	Lp	500	Allier	cwt ac	
Riehen Tych	Lp	300	Allier	cwt ac	
Wiese	Lp	1.000	Allier	cwt ac	
Arisdörferbach	Lb (L_a)	3.000	Allier	no	
Möhlinbach	Lb (L_a)	6.000	Allier	no	
Etzgerbach	Lb (L_a)	3.000	Allier	no	
Bachtalbach	Lb (L_a)	500	Allier	no	
Magdenerbach	Lb (L_a)	2.000	Allier	no	
France					418.420
Rhine (Old Rhine)	L0	119.000	Allier	No	
	La	75.000	Allier	No	
	La	9.800	Allier	No	
Doller	La	31.750	Allier	No	
Thur	La	31.150	Allier	No	
Lauch	La	10.760	Allier	No	
Fecht and tributaries	La	41.500	Allier	650 a/c	
Ill	La	3.840	Allier	No	
Giessen and tributaries	La	37.900	Allier	400 a/c	
Bruche	La	42.320	Allier	2120 a/c	
	La	7.400	Rhine	No	
Moselle	La	5.000	Ätran (HAT)	No	
Blies	La	3.000	Allier	No	
Luxemburg					
Sure (Moselle)		0			
Germany, Baden-Württemberg					282.000
Alb	La	20.500	Allier	no	
Murg	La	63.800	Allier	no	
Oos, Oosbach	La	11.900	Allier	no	
Rench	La	13.300	Allier	no	
Kinzig and tributaries Erlenbach, Gutach, Wolf	La	111.600	Allier	no	
	Lps	12.600	Allier	no	
	La	4.600	Rhine	no	
Elz	La	23.000	Allier	no	
Dreisam	La	8.400	Allier	no	
Wiese	La	12.300	Allier	no	
Germany, Hesse					33000
Lahn, Dill, Weil	Ls	1200	EFH Sieg & Saynbach (HAT)	a/c	
Kinzig (Main)	Lp	800	EFH Sieg & Saynbach (HAT)	no	
Schwarzbach (Main)	Lp	18700	EFH Sieg & Saynbach (HAT)	no	
Main (test fish hydroelectric plant Kostheim)		0			
Wisper	Lp	10000	EFH Sieg & Saynbach (HAT)	no	
	Ls	2300	EFH Sieg & Saynbach (HAT)	a/c	
Germany, Rhineland Palatinate					204.300
Ahr	Lp	80.000	EFH Sieg & Saynbach (HAT)	no	
Lahn, Mühlbach	Ls	3.000	EFH Sieg & Saynbach (HAT)	a/c	
	L2	200	EFH Sieg & Saynbach (HAT)	a/c	
Moselle, Elzbach	Lp	16.300	EFH Sieg & Saynbach (HAT)	no	
Saynbach	Ls	3.300	EFH Sieg & Saynbach (HAT)	a/c	
Nister, Kleine Nister (Sieg)	Lp	12.000	EFH Sieg & Saynbach (HAT)	no	
Nister (Sieg)	Ls	10.000	KFS Sieg (HAT)	a/c	
	Lp	18.500	KFS Sieg (HAT)	no	
	Lp	27.000	EFH Sieg & Saynbach (HAT)	no	
Wisserbach (Sieg)	Ls	2.000	KFS Sieg (HAT)	a/c	
	Lp	12.000	EFH Sieg & Saynbach (HAT)	no	
Wieslauter	Lp	20.000	Allier	no	
Germany, North Rhine Westphalia					1.091.582
Sieg and tributaries	Lb (L0)	155.455	Sieg	no	
	Lb (La)	297.999	Sieg	no	
	Lb (La)	214.600	Ätran	no	
	Lp (0+)	33.500	Sieg	partly a/c	
	Lp (0+)	150.000	Ätran	a/c	
	Lp (1+)	9.000	Sieg	no	
	L1 / Ls	12.000	Sieg	cwt a/c	
Wupper and small tributaries	Lb (L0)	56.000	Sieg	no	
	Lb (La)	57.300	Sieg	no	
	Lp (0+)	25.000	Sieg	no	
Dhünn and small tributaries	Lb (L0)	60.000	Sieg	no	
	Lp (0+)	20.728	Sieg	no	

cwt = coded wire tags; a/c = adipose clipping; EFH = parent fish keeping;

KFS = Monitoring and catching station; L e = salmon spawn; L b = Salmon fry; L0 0 unfeeded fry; La = feeded fry;

L p = Salmon parr; L ps = Salmon pre-smolt; L s = Salmon smolt; L 1 = one year old salmon; L 2 = two years old salmon

Mf p = Sea trout parr; k. A. = not specified by deadline

Sum stocking stages **2.052.802**

3Stocking measures with big salmonids in t		
Country / Water body		
Switzerland	Kind and stage	Number
Rhein	L b (La)	5.000
Birs	L b (La)	7.000
Ergolz	L b (La)	1.000
Riehen Tych	L b (La)	600
Wiese	L b (La)	3.000
Arisdörferbach	L b (La)	2.000
Möhlinbach	L b (La)	6.500
Etzgerbach	L b (La)	5.000
Bachtalbach	L b (La)	500
Binnenkanal Klingnau	L b (La)	500
Magdenerbach	L b (La)	3.500
France		
Rhein (Alt-/Restrhein)	La	47.000
	L0	46.500
	La	37.800
Doller	La	20.000
	La	11.750
Thur	La	31.350
Lauch	La	10.760
Fecht und Zuflüsse	La	42.500
Ill	La	2.500
Giessen und Zuflüsse	La	34.900
Bruche	La	29.040
	La	32.120
Mosel	La	3.000
Blies	La	3.000
Saar (Moselsystem)	La	5.000
Luxembourg		
Sauer (Mosel)	Ls	10.022
Germany, Baden-Württemberg		
Alb	L a	18.760
Murg	L a	47.000
Murg	L s	3.470
Oos, Oosbach	L a	3.000
Rench	L a	10.250
Kinzig mit Zuflüssen Erlenbach, Gutach, Wolf	L a	70.700
	L a	25.900
	L s	4.300
Elz	L a	29.250

Dreisam	L a	3.000
Wiese	L a	9.500
Germany, Hesse		
Nidda *	Mf p	10.000
Lahn, Dill, Weil	L 1	1.400
Kinzig (Main)	L p	1.000
Schwarzbach (Main)	L p	20.000
Weschnitz (Erstbesatz!)	L p	4.500
Wisper	L s	3.200
	L p	22.000
Germany, Rhineland Palatinate		
Ahr	L p	75.000
Ahr	L s	4.200
Lahn, Mühlbach	L s	5.000
	L p	0
Mosel, Elzbach	L p	11.000
Mosel, Elzbach	L s	4.200
Saynbach	L s 1	2.850
Nister, Kleine Nister (Sieg)	L p	4.000
Nister, Kleine Nister (Sieg)	L p	4.000
Nister (Sieg)	L p	23.500
	L p	23.000
	L s	3.300
Wisserbach (Sieg)	L p	0
	L s	1.000
Wieslauter	L b	30.000
Germany, North Rhine Westphalia		
Sieg und Nebengewässer	Lb (L0)	89.510
	Lb (La)	200.000
	Lb (La)	340.331
	Lp (0+)	9.518
	Lp (0+)	112.000
	Lp (1+)	20.000
	Lp (1+)	10.687
	Ls (L1)	12.697
	Ls (L2)	40
Wupper und kleine Zuflüsse	Lb (L0)	63.500
	Lb (La)	47.300
	Ls (L2)	40
Dhünn und kleine Zuflüsse	Lb (L0)	61.267
	Ls (L2)	40

cwt = coded wire tags; a/c = Fettflossenschnitt (adipose clipping); EFH =
KFS = Kontroll- und Fangstation; L e = Lachseier; L b = Lachsbrut; L0 =

L p = Lachsparrs (= Sömmerlinge halbjährig = 0+); L ps = Lachs-Presr
L 2 = zweijähriger Lachs; Mf p = Meerforellenparrs; k. A. = keine Ang

Sum stocking stages	**1.847.052**

the Rhine system 2013		
Stocking		**Sums / smolt equivalent**
Origin	Marking	**34.600**
Allier		
Allier		
Allier		
Allier		
Allier		
Allier		
Allier		
Allier		
Allier		
Allier		
Allier		
		357.220
Allier		5875
Rhein		1535
Allier		4725
Rhein		2500
Allier		1469
Allier		3919
Rhein		1345
Rhein	650 a/c	5313
Rhein		313
Rhein	400 a/c	4363
Allier	2120 a/c	3630
Rhein		4015
Ätran		375
Allier		375
EFH Ätran		
		10.022
Dänemark	a/c + wt	
		225.130
Loire-Allier	nein	
Loire-Allier	nein	
Loire-Allier	nein	
Loire-Allier	nein	
Loire-Allier	nein	
Loire-Allier	nein	
Rhein	nein	
Loire-Allier	nein	
Loire-Allier	nein	

Loire-Allier	nein	
Loire-Allier	nein	
Rhein	a/c	**10.000**
EFH Ätran	a/c	**52.100,00**
EFH Ätran		
EFH Ätran		
EFH Ätran		
EFH Ätran	a/c	
EFH Ätran		
		191.050
EFH Ätran		
	a/c	
EFH Ätran	a/c	
EFH Ätran		
EFH Ätran		
EFH Ätran	a/c	
EFH Ätran	a/c	
KFS Sieg		
EFH Ätran		
KFS		
EFH Ätran		
EFH Ätran	a/c	
EFH Ätran	a/c	
		966.930
Sieg	nein	
Ätran	nein	
Sieg	nein	
Sieg	a/c	
Ätran	z.T. a/c	
Ätran	a/c	
Sieg	nein	
Sieg	nein	
Sieg	Transponder	
Sieg	nein	
Sieg / 3000 Wupper	nein	
Sieg	Transponder	
Sieg	nein	
Sieg	Transponder	

Elternfischhaltung;
unangefütterte Brut; La = angefütterte Brut;

nolt; L s = Lachssmolt; L 1 = einjähriger Lachs;
abe bis zum Stichtag

Stocking measures with big salmonids in the Rhine system 2014

Country / Water body	Stocking				Sums / smolt equivalent
Switzerland	Kind and stage	Number	Origin	Marking	**35.500**
Rhine	L b (La)	8.000	Petite Camargue/Rhine F2	Genetics	
Birs	L b (La)	3.000	Petite Camargue/Rhine F2	Genetics	
Ergolz	L b (La)	2.000	Petite Camargue/Rhine F2	Genetics	
Riehen Tych	L b (La)	1.000	Petite Camargue/Rhine F2	Genetics	
Wiese	L b (La)	3.000	Petite Camargue/Rhine F2	Genetics	
Arisdörferbach	L b (La)	2.500	Petite Camargue/Rhine F2	Genetics	
Möhlinbach	L b (La)	6.500	Petite Camargue/Rhine F2	Genetics	
Etzgerbach	L b (La)	4.000	Petite Camargue/Rhine F2	Genetics	
Bachtalbach	L b (La)	1.000	Petite Camargue/Rhine F2	Genetics	
Inlanc canal Klingnau	L b (La)	1.000	Petite Camargue/Rhine F2	Genetics	
Magdenerbach	L b (La)	3.500	Petite Camargue/Rhine F2	Genetics	
France					**438.210**
Rhine (Old Bed of the Rhine)	L0	77.000	Rhine		3850
	L0	175.200	Allier		8760
Doller	La	24.850	Rhine		2485
Thur	La	26.350	Rhine		2635
Lauch	La	10.760	Rhine		1076
Fecht and tributaries	La	37.500	Rhine	650 a/c	3750
Ill	La	2.840	Rhine		284
Giessen and tributaries	La	32.900	Rhine	400 a/c	3290
Bruche	La	42.470	Rhine	2120 a/c	4247
	La				
Moselle	La	5.340	Ätran		534
Blies	La	3.000	Rhine		300
Saar (Moselle system)					
Luxemburg		0			**0**
Sure (Moselle)		0			
Germany, Baden-Württemberg					**381.750**
Alb	L a	62.270	Allier		
Murg	L a	84.600	Allier		
Oos, Oosbach	L a	2.700	Allier		
Rench	L a	10.000	Allier		
Kinzig and tributaries Erlenbach, Gutach, Wolf	L a	103.150	EFH Rhine		
	L a	49.000	urner Rhine x EFH Returner Rhine		
	L p	8.000	urner Rhine x EFH Returner Rhine		
	L p	1.530	Allier		
	L p s	700	EFH Rhine		
Elz	L 0	8.000	Allier		
Elz	L p s	26.900	urner Rhine x EFH Returner Rhine		
Dreisam	L p s	5.000	Allier		
Wiese	L a	8.900	Allier		
Wiese	L p s	11.000	Allier		
Germany, Hesse					
Nidda *	Mf p	3.800	Wupper	a/c	**3.800**
Lahn, Dill, Weil	L s 2	410	EFH Ätran		**42.410,00**
Kinzig (Main)	L p	1.000	EFH Ätran		
Schwarzbach (Main)	L p	19.000	EFH Ätran		
Weschnitz		0			
Wisper	L p	20.000	EFH Ätran		
	L s 1	2.000	EFH Ätran	a/c	
Germany, Rhineland Palatinate					**218.070**
Ahr	L p	47.000	EFH Ätran		
Ahr					
Lahn, Mühlbach	L p	1.200	EFH Ätran		
	L s 2	2.340	EFH Ätran		
Moselle, Elzbach	L p	15.000	EFH Ätran		
Moselle, Elzbach	L s 1	1.730	EFH Ätran	a/c	
Saynbach	L s 1	3.460	EFH Ätran	a/c	
Nister, Kleine Nister (Sieg)	L p	5.000	EFH Ätran		
Nister (Sieg)	L 1	8.570	EFH Ätran		
	L p	15.000	KFS		
Nister (Sieg)	L p	40.000	EFH Ätran		
	L s 1	3.000	EFH Ätran	a/c	
Wisserbach (Sieg)		0			
		0			
Nahe (first stocking)	L p	2.000	EFH Ätran		
Nahe (first stocking)	L s 1	5.770	EFH Ätran	a/c	
Guldenbach (Nahe) (first stocking)	L p	13.000	EFH Ätran		
Speyerbach (first stocking)	L b	15.000	EFH Allier		
Wieslauter	L b	40.000	EFH Allier		
Germany, North Rhine Westphalia					**862.627**
Sieg and tributaries	La	66.071	Returner to R. Sieg / EFH		9911
	La	483.053	Returner to R. Sieg / EFH; returner to R. Gundenau / EFH		82119
	Lp	100.366	Returner to R. Sieg / EFH; returner to R. Gundenau /	a/c	9090
	L1	33.191	Returner to R. Sieg / EFH		6638
	L2 (Smolt)	890	Returner to R. Sieg / EFH	Heliogen blue / NEDAP	223
Wupper and small tributaries	L2 (Smolt)	1.056	Returner to R. Sieg / EFH	HDX / NEDAP	264
	L0	86.000	EFH		4300
	La	52.000	EFH		7800
Dhünn and small tributaries	La	40.000	Returner to R. Sieg / EFH		6000

cwt = coded wire tags; a/c = adipose clipping; EFH = parent fish keeping;

KFS = Monitoring and catching station; L e = salmon spawn; L b = Salmon fry; L0 0 unfeeded fry; La = feeded fry;

L p = Salmon parr (= one summer old, half year = 0+); L ps = Salmon pre-smolt; L s = Salmon smolt; L 1 = one year old salmon;

L 2 = two years old salmon; Mf p = Sea trout parr; k. A. = not specified by deadline

Sum stocking stages		**1.982.367**			

Stocking measures with big salmonids in the Rhine system 2015

Country / Water body	Stocking				
	Kind and stage	Number	Origin	Marking	smolt equivalent
Switzerland					
Wiese	Lp	2600	Petite Camargue/Rhine group 9	genetics	433
Rhine	Lp	0			0
Riehen Tych	Lp	600	Petite Camargue/Rhine group 8	genetics	100
St. Alban-Teich	Lp	0			0
Birs (lower part)	Lp	1500	Petite Camargue/Rhine group 8	genetics	250
Arisdörferbach	Lp	2500	Petite Camargue/Rhine group 7	genetics	417
Birs	Lp	500	Petite Camargue/Rhine group 8	genetics	83
Ergolz	Lp	1000	Petite Camargue/Rhine group 8	genetics	167
Magdenerbach	Lp	2000	Petite Camargue/Rhine group 10	genetics	333
Möhlinbach (Bachtele, Möhlin)	Lp	500	Petite Camargue/Rhine group 6	genetics	83
Möhlinbach (Möhlin / Zeiningen)	Lp	1500	Petite Camargue/Rhine group 6	genetics	250
Möhlinbach (Zuzgen, Hellikon)	Lp	2300	Petite Camargue/Rhine group 6	genetics	383
Etzgerbach	Lp	2000	Petite Camargue/Rhine group 10	genetics	333
Rhine	Lp	1000	Petite Camargue/Rhine group 10	genetics	167
Old Bed of the Rhine	Lp	1500	Petite Camargue/Rhine group 10	genetics	250
Bachtalbach	Lp	500	Petite Camargue/Rhine group 10	genetics	83
Inland canal Klingnau	Lp	500	Petite Camargue/Rhine group 10	genetics	83
Sum		**20500**			**3.417**
France					
Bruche	La	42120	Rhine	genetics	4212
Mossig	La	400	Rhine	genetics	40
Giessen and tributaries	La	8200	Rhine	genetics	820
Lièpvrette	La	26700	Rhine	genetics	2670
Ill	La	2320	Rhine	genetics	232
Fecht	La	26700	Allier/Rhine	genetics	2670
Weiss	La	5800	Rhine	genetics	580
Béhine	La	1000	Rhine	genetics	100
Lauch	La	6760	Rhine	genetics	676
Thur	La	16350	Rhine	genetics	1635
Doller	La	26750	Allier/Rhine	genetics	2675
Rhine (Old Bed of the Rhine)	L0	145000	Allier	genetics	7250
	La	8800	Allier	genetics	880
				genetics	
Moselle	Le	2100	Ätran	genetics	
	L0	2550	Ätran	genetics	
Houille		0		genetics	
Blies	La	3000	Allier	genetics	300
Saar (Moselle system)					
Sum		**324550**			**24740**
Luxemburg		0			
Sure (Moselle)		0			
Sum		**0**			
Germany, Baden-Württemberg					
Alb	Lp	19510		genetics	3.252
Alb	La	50000		genetics	1.250
Murg	Lp	41500		genetics	6.917
Murg	La	10000		genetics	500
Oos, Oosbach	Lp	5000		genetics	834
Rench	Lp	10500		genetics	1.750
Kinzig and tributaries Erlenbach, Gutach, Wolf	Lp	71780		genetics	11.963
	La	75100		genetics	3.755
Elz	Lp	27200		genetics	4.533
Dreisam	Lp	5600		genetics	933
Wiese	La	9600		genetics	480
Wiese	Lp	11100		genetics	1.850
Sum		**336.890**			**38.017**
Germany, Hesse					
Nidda *	Mf s	2640	Wupper	a/c	
Lahn, Dill, Weil	L s	4385	Ätran (DCV)	a/c	
Lahn, Dill, Weil	L p	6000	Ätran (EFH)		
Lahn river system total					2296
Kinzig (Main)	L p	2000	Ätran (EFH)		
Schwarzbach (Main)	L p	19300	Ätran (EFH)		
Weschnitz					
Wisper	L p	9000	Ätran (EFH)		1500
Sum		**43325**			**3.796**
Germany, Rhineland Palatinate					
Ahr	L p	50000	Ätran (EFH)		8.333
Lahn, Mühlbach		0			
		0			
Moselle, Elzbach	L p	21500	Ätran (EFH)		3.983
Saynbach	L s	1200	Ätran (EFH)	a/c	
Saynbach	L s	4040	Ätran (DCV)	a/c	
Saynbach river system total					1310
Nister, Kleine Nister (Sieg)					
Nister (Sieg)	L s	9100	Ätran (DCV)	a/c	
	L p	28490	Ätran (KFS)		
Nister (Sieg)	L p	48510	Ätran (EFH)		
Wisserbach (Sieg)		0			
		0			
Sieg river system total					15100
Nahe	L s	8762	Ätran (DCV)	a/c	
Guldenbach (Nahe)	L p	9250	Ätran (EFH)		
Speyerbach	La	30000	Allier		
Wieslauter	La	35000	Allier		
Sum		**245852**			**28.726**
Germany, North Rhine Westphalia					
Sieg and tributaries	La	85554	Sieg-Rückkehrer		13237
	La	105985	Gundenau-Rückkehrer / EFH		18017
	La	143037	Sieg-Rückkehrer / EFH		23965
	L1p	2950	Sieg-Rückkehrer / EFH		590
	L1 (Smolt)	6880	Sieg-Rückkehrer / EFH		1720
	L2 (Smolt)	67	Sieg-Rückkehrer / EFH	Heliogenblue / NEDAP	17
Wupper and small tributaries	L2 (Smolt)	567	Sieg-Rückkehrer / EFH	HDX / NEDAP	142
	L0	45601	Sieg-Rückkehrer / EFH		2280
	La	45000	Sieg-Rückkehrer / EFH		2250
Dhünn and small tributaries	L1p	10000	Sieg-Rückkehrer / EFH		2000
	L2 (Smolt)	66	Sieg-Rückkehrer / EFH	NEDAP Transponder	17
Sum		**445707**			**64234**

cwt = coded wire tags; a/c = adipose clipping; EFH = parent fish keeping; DCV = Danish Center for Vildlaks

KFS = Monitoring and catching station; L e = salmon spawn; L b = Salmon fry; L0 0 unfeeded fry; La = feeded fry;

L p = Salmon parr (= one summer old, half year = 0+); L ps = Salmon pre-smolt; L s = Salmon smolt; L 1 = one year old salmon;

L 2 = two years old salmon; Mf p = Sea trout parr; k. A. = not specified by deadline

Sum stocking stages		**1416824**			

Stocking measures with big salmonids in the Rhine system 2016

Country/Water body	Stocking				
	Kind and stage	Number	Origin	Marking	smolt equivalent
Switzerland					
Wiese	Lp	3000	Petite Camargue R22, B2, B3, B4, B5	genetics	
Rhein	Lp	3.800	Petite Camargue B9, B10, B11, B13	genetics	
Riehenteich	Lp	1.000	Petite Camargue B9, B10, B11, B13	genetics	
St. Alban-Teich				genetics	
Birs (unterster Abschnitt)	Lp	2.000	Petite Camargue R22, B2, B3, B4, B5	genetics	
Arisdörferbach	Lp	3.500	Petite Camargue R23	genetics	
Birs	Lp	1.200	Petite Camargue R23	genetics	
Ergolz	Lp	2.500	Petite Camargue R23	genetics	
Magdenerbach	Lp	4.000	Petite Camargue R20	genetics	
Möhlinbach (Bachtele, Möhlin)	Lp	500	Petite Camargue B6B7	genetics	
Möhlinbach (Möhlin / Zeiningen)	Lp	1.000	Petite Camargue B6B7	genetics	
Möhlinbach (Zuzgen, Hellikon)	Lp	1.300	Petite Camargue B6B7	genetics	
Möhlinbach	Le	6.100	Petite Camargue B8	genetics	
Möhlinbach	Lb	6.000	Petite Camargue B9, B10	genetics	
Etzgerbach	Lp	4.600	Petite Camargue R20	genetics	
Rhein	Lp	1.200	Petite Camargue R21	genetics	
Alter Rhein	Lp	3.200	Petite Camargue R21	genetics	
Bachtalbach	Lp	1.000	Petite Camargue R20	genetics	
Sickerwasserkanal Klingnau	Lp	1.000	Petite Camargue R20	genetics	
Sum		**46.900**			**0**
France					
Rhein (Alt-/Restrhein)	L0	195.000	Allier	genetics	9750
Doller	La	34.950	Rhine	genetics	3495
Thur	La	12.000	Allier	genetics	1200
Lauch	La	5.000	Allier	genetics	500
Fecht und Zuflüsse	La	38.700	Allier	genetics	3870
	La	14.000	Rhine	genetics	1400
Ill	La	2.500	Rhine	genetics	250
Giessen und Zuflüsse	La	26.250	Rhine	genetics	2625
Bruche	La	56.250	Rhine	genetics	5625
Mosel	L0	5.150	Allier	genetics	258
	La	5.350	Allier	genetics	535
Houille					
Blies	La	4.490	Allier	genetics	449
Saar (Moselsystem)					
Sum		**399.640**			**29.957**
Luxemburg					
Sure (Moselle)					
Sum		**0**			
Germany, Baden-Württemberg					
Alb	Lp	17805	Loire-Allier	genetics	1.016
Murg	Lp	68500	Loire-Allier	genetics	11.417
Oos, Oosbach				genetics	
Rench	La	10300	Rhine	genetics	258
Rench	Lp	8000	Rhine	genetics	1.333
				genetics	
	La	82550	Rhine	genetics	2.064
Kinzig mit Zuflüssen Erlenbach,	Lp	66750	Loire-Allier	genetics	3.338
Gutach, Wolf	Lp	68780	Rhine	genetics	11.464
	Ls	250	Rhine	genetics	63
Elz	L0	11000	Rhine	genetics	275
Elz	Lp	20600	Rhine	genetics	3.433
Dreisam	Lp	10000	Rhine	genetics	1.667
Wiese	Lp	21000	Rhine	genetics	3.500
Sum		**385.535**			**39.828**
Germany, Hesse					
Nidda *	Mf p	3.500	Rhein, Wupper	a/c	**700**
Lahn, Dill, Weil, Elbbach	L p	6.000	EFH		
Lahn, Dill, Weil, Elbbach					
Lahnsystem gesamt					1.200
Kinzig (Main)	L p	600	EFH		200
Schwarzbach (Main)	L 1	4.270	EFH	a/c	1.025
Weschnitz					
Wisper	L p	25.250	EFH		5.050
Sum		**39.620**			**8.175**
Germany, Rhineland Palatinate					
Ahr	L s	5.000	EFH		
Ahr	L p	61.500	EFH		11.500
Lahn, Mühlbach					0
Mosel, Elzbach	L p	23.250	EFH		
Saynbach	L 1	4.270	EFH	a/c	
Saynbach					
Saynbachsystem gesamt					1.025
Nister, Kleine Nister (Sieg)	L p	58.770	KFS		
Nister, Kleine Nister (Sieg)	L p	34.450	EFH		
	L s	2.000	EFH		
Nister (Sieg)					
Wisserbach (Sieg)	L p	4.930	KFS		
Heller (Sieg)	L p	3.850	KFS		
Siegsystem gesamt					17.500
Nahe	L s	4.650	EFH		
Guldenbach (Nahe) & Nahe	L p	32.500	EFH		6.580
Speyerbach	La	30.000	EFH Obenheim		3.000
Wieslauter	La	35.000	EFH Obenheim		3.500
Sum		**300.170**			**43.105**
Germany, North Rhine Westphalia					
	La	504.938	Sieg-Returners, Ätran / Gudenau-Returners	without	84.043
	Ls	5.630	Sieg-Returners	without	1.407
	L1	11.600	Sieg-Returners	without	2.320
Sieg and tributaries	L2	200	Sieg-Returners	NEDAP-Transponder	50
	L0	51.000	Sieg-Returners	without	2.550
Wupper and small tributaries	La	82.500	Sieg-Returners	without	12.375
Dhünn and small tributaries	La	80.000	Sieg-Returners	without	12.000
Sum		**735.868**			**114.745**

cwt = coded wire tags; a/c = adipose clipping; EFH = parent fish keeping; DCV = Danish Center for Vildlaks
KFS = Monitoring and catching station; L e = salmon spawn; L b = Salmon fry; L0 0 unfeeded fry; La = feeded fry;
L p = Salmon parr (= one summer old, half year = 0+); L ps = Salmon pre-smolt; L s = Salmon smolt; L 1 = one year old salmon;
L 2 = two years old salmon; Mf p = Sea trout parr; k. A. = not specified by deadline

Sum stocking stages **1.907.733**

Stocking measures with big salmonids in the Rhine system 2017

Country/Water body	Stocking				
	Kind and stage	Number	Origin	Marking	smolt equivalent
Switzerland					
Wiese	Lp	3500	Petite Camargue B1K3	genetics	
Rhine					
Riehenteich	Lp	1.000	Petite Camargue K1K2K4K4a	genetics	
Birs	Lp	4.000	Petite Camargue K1K2K4K4a	genetics	
Arisdörferbach	Lp	1.500	Petite Camargue F1 Wild	genetics	
Hintere Frenke	Lp	2.500	Petite Camargue K1K2K4K4a	genetics	
Ergolz	Lp	3.500	Petite Camargue K7C1	genetics	
Fluebach Harbotswil	Lp	1.300	Petite Camargue K7C1	genetics	
Magdenerbach	Lp	3.900	Petite Camargue K5	genetics	
Möhlinbach (Bachtele, Möhli	Lp	600	Petite Camargue B7B8	genetics	
Möhlinbach (Möhlin / Zeinin	Lp	2.000	Petite Camargue B7B8	genetics	
Möhlinbach (Zuzgen, Hellikc	Lp	3.500	Petite Camargue B7B8	genetics	
Etzgerbach	Lp	4.500	Petite Camargue K5	genetics	
Rhine	Lp	1.000	Petite Camargue B2K6	genetics	
Old Rhine	Lp	2.500	Petite Camargue B2K6	genetics	
Bachtalbach	Lp	1.000	Petite Camargue B2K6	genetics	
Inland canal Klingnau	Lp	1.000	Petite Camargue B2K6	genetics	
Surb	Lp	1.000	Petite Camargue B2K6	genetics	
Bünz	Lp	1.000	Petite Camargue B2K6	genetics	
Sum		**39.300**			
France					
	L0	269.147	Allier		13457
Rhein (Alt-/Restrhein)	L0	142.000	Rhine		7100
	La	31.500	Rhine		3150
	L0	5.000	Rhine		250
Doller	La	21.900	Rhine		2190
	L0	2.500	Rhine		125
Thur	La	12.000	Rhine		1200
	L0	2.500	Rhine		125
Lauch	La	5.000	Rhine		500
Fecht und Zuflüsse	L0	10.000	Rhine		500
	La	39.000	Rhine		3900
	L0	4.200	Rhine		210
Ill	La	17.500	Rhine		1750
	L0	10.000	Rhine		500
Giessen und Zuflüsse	La	28.472	Rhine		2847
	L0	10.500	Rhine		525
Bruche	La	32.000	Rhine		3200
	La	25.000	Rhine, wild (F1)		2500
	Le	2.100	Allier		76
Mosel	L0	3.500	Allier		175
	La	3.580	Allier		358
Blies	La	3.150	Rhine		315
Saar (Moselsystem)	La	2.550	Rhine		255
Sum		**683.099**			**45.208**
Luxemburg					
Sure (Moselle)					
Sum					
Germany, Baden-Württemberg					
Alb	L p	13050	Allier		2.175
Murg	L p	67000	Rhine, Allier		11.167
Oos, Oosbach		0			0
Rench	L e	5000	EFH Rhine		83
Rench	L a	15000	EFH Rhine		750
	L e	10000	EFH Rhine		166
	L a	49850	EFH Rhine		1.246
Kinzig mit Zuflüssen Erlenbach,	L a	59000	EFH Rhine		2.950
Gutach, Wolf	L p	33500	EFH Rhine		5.583
	L ps	4000	EFH Rhine		800
Elz	L 0	7600	Allier		190
Elz	L p	15000	Allier		2.500
Dreisam	L p	10000	Allier		1.667
Wiese	L a	2000	Allier		100
Wiese	L p	11000	Allier		1.833
Sum		**302.000**			**31.210**
Germany, Hesse					
Nidda *	Mf p	4.000	Wupper		**5**
Lahn, Dill, Weil, Elbbach	L p	8.000	EFH		5
Lahn, Dill, Weil, Elbbach	L 1	2.500	EFH		5
Lahnsystem gesamt					
Kinzig (Main)	L p	180	EFH		5
Schwarzbach (Main)	L p	4.400	EFH		5
Weschnitz					
Wisper	L p	6.400	EFH		5
Sum		**25.480**			**30**
Germany, Rhineland Palatinate					
Ahr	La	71.000	EFH		6
Ahr					
Lahn, Mühlbach					
Mosel, Elzbach	L p	10.500	EFH		5
Saynbach		0			
Saynbach		0			
Saynbachsystem gesamt					
Nister, Kleine Nister (Sieg)	L p	2.660	KFS		6
Nister, Kleine Nister (Sieg)					
	L p	18.130	KFS		6
Nister (Sieg)					
Wisserbach (Sieg)	L p	2.000	EFH		6
Heller (Sieg)					
Siegsystem gesamt					
Nahe	L p	14.500	EFH		6
Guldenbach (Nahe) & Nahe	L p	40.000	EFH		6
Speyerbach	La	30.000	EFH		20
Speyerbach	L s	1.200	EFH	PIT-Tags	4
Wieslauter	La	38.000	EFH		20
Sum		**227.990**			**85**
Germany, North Rhine Westphalia					
Sieg and tributaries	La	257.043	Sieg-Returners / WLZ, EFH Albaum, Ätran-Gudenau-Returners / EFH DCV		43.678
	La	14.824	Sieg-Returners / EFH Albaum		2.520
Wupper and small tributaries	La	3.500	Sieg-Returners / EFH Albaum (Breeding: Hatchery Wupper)		350
	La	89.881	Sieg-Rückkehrer / EFH Albaum / EFH Haspe (Breeding: EFH Haspe)		13.862
Dhünn and small tributaries	La	38.788	Sieg-Returners / EFH Albaum		6.594
	L p	5.285	Sieg-Returners / EFH Albaum		951
Sum		**409.321**			**67.955**

cwt = coded wire tags; a/c = adipose clipping; EFH = parent fish keeping; DCV = Danish Center for Vildlaks; WLZ=Wildlachszentrum
KFS = Monitoring and catching station; L e = salmon spawn; L b = Salmon fry; L0 0 unfeeded fry; La = feeded fry;
L p = Salmon parr (= one summer old, half year = 0+); L ps = Salmon pre-smolt; L s = Salmon smolt; L 1 = one year old salmon;
L 2 = two years old salmon; Mf p = Sea trout parr; k. A. = not specified by deadline

Sum stocking stages	**1.687.190**	

Stocking measures with big salmonids in the Rhine system 2018					
Country/Water body	**Stocking**				
	Kind and stage	Number	Origin	Marking	smolt equivalent
Switzerland					
Wiese	Lb+ La	9800	Fischzucht Petite Camargue	genetics	
Rhein		0	Fischzucht Petite Camargue	genetics	
Riehenteich		0	Fischzucht Petite Camargue	genetics	
Birs		0	Fischzucht Petite Camargue	genetics	
Arisdörferbach	Lb+ La	4000	Fischzucht Petite Camargue	genetics	
Hintere Frenke	La	5000	Fischzucht Petite Camargue	genetics	
Ergolz	Lb+La	6400	Fischzucht Petite Camargue	genetics	
Fluebach Harbotswil		0	Fischzucht Petite Camargue	genetics	
Magdenerbach	Lb	5000	Fischzucht Petite Camargue	genetics	
Möhlinbach	Lb	8000	Fischzucht Petite Camargue	genetics	
Etzgerbach	Lb	5000	Fischzucht Petite Camargue	genetics	
Rhein	Lb	1000	Fischzucht Petite Camargue	genetics	
Alter Rhein	Lb	2500	Fischzucht Petite Camargue	genetics	
Bachtalbach	Lb	1000	Fischzucht Petite Camargue	genetics	
Sickerwasserkanal Klingnau	Lb	1000	Fischzucht Petite Camargue	genetics	
Surb	Lb	1000	Fischzucht Petite Camargue	genetics	
Bünz	Lb	1000	Fischzucht Petite Camargue	genetics	
Sum		**50.700**			
France					
	L0	52500	Rhein		2625
	L0	101025	Allier		5051
Rhine (Alt-/Restrhein)	La	25800	Rhein		2580
	La	46102	Allier		4610
	La	15.019	Rhein		1502
Doller	La	10.394	Allier		1039
	La	7.535	Rhein		754
Thur	La	7.535	Allier		754
	La	1.600	Rhein		160
Lauch	La	1.097	Allier		110
	La	1.488	Rhein wild_F1		149
	La	22.776	Rhein		2278
Fecht and tributaries	La	3.175	Allier		318
	L0	22.321	Rhein		1116
Ill		/			/
Giessen and tributaries	La	25.066	Rhein		2507
	La	10.551	Rhein wild_F1		1055
Bruche	La	26.193	Rhein		2619
	L0	35.700	Rhein		1785
	Le	1.200	Rhein		18
Mosel	L0	4.400	Rhein		220
Blies	La	500	Rhein		50
Saar (Moselle system)	La	520	Rhein		52
Zorn	La	4.465	Rhein		447
Sum		**426.962**			**31.797**
Luxembourg					
Sauer (Moselle)					
Sum		**0**			**0**
Germany, Baden-Württemberg					
Alb	Lp	8.800	Allier	genetics	1.467
Murg	Lp	43.670	Allier	genetics	7.278
Murg	Lp	16.000	KFS Rhein	genetics	2.667
Oos, Oosbach	Lp	4.100	Allier	genetics	683
Rench	Le	5000	EFH Rhein	genetics	100
Rench	La	15.820	Allier	genetics	396
	La	43.678	Allier	genetics	1.212
Kinzig with tributaries Erlenbach, Gutach,	La	30.590	EFH Rhein	genetics	1.164
Wolf, Schiltach	Lp	30.285	Allier	genetics	5.048
	L2	500	EFH Rhein	genetics	125
Elz	La	20.940	Allier	genetics	1.047
Dreisam	La	8.100	Allier	genetics	405
Wiese	La	3.800	Allier	genetics	190
Wiese	Lp	12.630	Allier	genetics	2.105
Sum		**243.913**			**23.887**
Germany, Hesse					
Nidda	Mf p	50.000	wild parents Denmark	a/c for 10.000	
Lahn, Dill, Weil, Elbbach	L p	8.000	EFH HAT		**1.600**
Lahn, Dill, Weil, Elbbach					
Lahnsystem gesamt					
Kinzig (Main)	L p	1.500	EFH HAT		300
Schwarzbach (Main)	L p	13.235	EFH HAT		2.647
Weschnitz					
Wisper	L p	14.700	EFH HAT		2.940
Summe		**87.435**			**7.487**
Germany, Rhineland Palatinate					
Ahr	L a	30.000	EFH HAT		5.000
Ahr	L p	10.500	EFH HAT		2.100
Lahn, Mühlbach					
Moselle, Elzbach	L p	13.500			2.700
Saynbach		0			
Saynbach					
Saynbachsystem gesamt					
Nister, Kleine Nister (Sieg)	L p	19.000	KFS Sieg		3.800
Nister, Kleine Nister (Sieg)	L p	11.000	EFH HAT		2.200
Nister (Sieg)	L a	30.000	WLZ NRW Sieg		5.000
Wisserbach (Sieg)		0			
Heller (Sieg)		0			
Sieg system total		**60.000**			**11.000**
Nahe	L p	6.700			
Guldenbach (Nahe) & Nahe	L p	16.650			
Speyerbach	L s	1.603	EFH Obenheim (F)	**PIT-Tag**	401
Speyerbach					
Wieslauter	L a	40.000	EFH Obenheim (F)		6.667
Sum		**178.953**			**27.867**
Germany, North Rhine Westphalia					
Sieg and tributaries	La	464.279	Sieg-Returners / WLZ, EFH Albaum, Ätran-Gudenau returners / EFH DCV		78.927
		464.279			78.927
Wupper and tributaries	L0	60.500	Sieg-Returners / EFH Albaum		3.025
	La	40.000	Sieg-Returners / EFH Albaum		16.500
	La	70.000	EFH HAT		10.632
	L1	70.000	Sieg-Returners / EFH Albaum		14.000
	Ls	5.000	Sieg-Returners / EFH Albaum		1.250
		245.500			45.407
Dhünn and tributaries	La	30.000	Sieg-Returners / EFH Albaum		6.594
		30.000			6.594
Sum		**739.779**			**130.928**

cwt = coded wire tags; a/c = adipose clipping; EFH = parent fish keeping; DCV = Danish Center for Vildlaks; WLZ=Wildlachszentrum
KFS = Monitoring and catching station; L e = salmon spawn; L b = Salmon fry; L0 0 unfeeded fry; La = feeded fry;
L p = Salmon parr (= one summer old, half year = 0+); L ps = Salmon pre-smolt; L s = Salmon smolt; L 1 = one year old salmon;
L 2 = two years old salmon; Mf p = Sea trout parr; k. A. = not specified by deadlin

Sum stocking stages	**1.727.742**

Stocking measures with large salmonids in the Rhine system 2019					
Country/Water body	**Stocking**				
	Kind and stage	Number	Origin	Marking	smolt equivalent
Switzerland					
Wiese	L0	10500	F1 (2000, Obenheim), F2 (4500,PCA 3), F3 (4000, Dachsen 1) / (Loire/Allier)	genetics	
Rhein	L0	1500	Dachsen (F3) / (Loire/Allier)	genetics	
Riehenteich	-	-			
Birs	L0	5000	FIPAL(Loire/Allier)	genetics	
Arisdörferbach	L0/La	6000	L0 (3000, FIPAL) /La (3000, PCA 1, Q61) / (Loire/Allier)	genetics	
Hintere Frenke	L0	12000	FZ Grün 90 / (Loire/Allier)	genetics	
Ergolz	L0	15000	(7000 FIPAL) (8'000 PCA 4) / (Loire/Allier)	genetics	
Fluebach Harbotswil	-	-			
Magdenerbach	La	6000	Schlupfzeit (3000,PCA 1), (3000, Dachsen 4) / (Loire/Allier)	genetics	
Möhlinbach	L0	12000	F2 (5000, FIPAL), F3 (7000, Dachsen 2) / (Loire/Allier)	genetics	
Etzgerbach	L0	4000	FZ Dachsen (F3) / (Loire/Allier)	genetics	
Alter Rhein	L0	3500	FZ Dachsen (F3) / (Loire/Allier)	genetics	
Bachtalbach	L0	1500	FZ Dachsen (F3) / (Loire/Allier)	genetics	
Sickerwasserkanal Klingnau	L0	1500	FZ Dachsen (F3) / (Loire/Allier)	genetics	
Surb	L0/La	6000	L0 (3000, Dachsen 3), La (3000, PCA 2) / (Loire/Allier)	genetics	
Bünz	L0/La	7000	L0 (3500, Dachsen 3), La (3500, PCA 1+2) / (Loire/Allier)	genetics	
Wigger	L0/La	6000	La (2500, Dachsen 4), L0 (3500 Dachsen 3) / (Loire/Allier)	genetics	
Flaacherbach	L0/La	3300	L0 (1800 Dachsen 5), La (1500 Dachsen 4) / (Loire/Allier)	genetics	
Sum		**100.800**			
France					
	L0	51068	Allier		2553
Rhine (Alt-/Restrhein)	L0	13745	Rhine		687
	La	47470	Rhine		4747
	La	48400	Allier		4840
Doller	La	9.950	Rhine		995
	La	13.565	Allier		1357
Thur	La	5.610	Rhine		561
	La	6.100	Allier		610
Lauch	La	4.325	Allier		433
	L0	20.615	Rhine		1031
Fecht and tributaries	La	25.757	Rhine_wild - F1		2576
	La	12.952	Rhine		1295
Ill	La	14.780	Rhine		1478
Giessen and tributaries	La	24.850	Rhine		2485
	L0	29.600	Rhine		1480
Bruche	La	15.087	Rhine_wild - F1		1509
	La	13.220	Rhine		1322
Mosel	L0	1.200	Rhine		18
	L0	7.850	Rhine		393
Blies	La	600	Rhine		60
Saar (Moselle system)	La	600	Rhine		60
Zorn	La	1.800	Rhine		180
Sum		**369.144**			**30.669**
Luxembourg					
Sauer (Moselle)		0			
Sum		**0**			
Germany, Baden-Württemberg					
Alb	Lp	5.285	Allier	Genetik	881
Murg	Lp	78.000	Allier	Genetik	13.000
Murg	Lp	18.900	KFS Rhein	Genetik	3.150
Oos, Oosbach		0			0
Rench	Le	5.000	Allier	Genetik	100
Rench	La	14.800	Allier	Genetik	370
	La	39.680	Allier	Genetik	1.102
Kinzig with tributaries Erlenbach, Gutach, Wolf,	La	64.030	EFH Rhein	Genetik	2.463
Schiltach	Lp	31.870	Allier	Genetik	5.312
	Lp	19.043	KFS Rhein	Genetik	3.174
Elz	La	9.990	EFH Rhein	Genetik	384
Dreisam		0			0
Wiese	Lp	12.160	Allier	Genetik	2.027
Wiese					
Sum		**298.758**			**31.962**
Germany, Hesse					
Nidda	Mf p	2.000	Oste (ASV Sittensen)	a/c	**500**
Lahn, Dill, Weil, Elbbach	L p	6.400	HAT EFH		1.280
Lahn, Dill, Weil, Elbbach					
Lahnsystem gesamt					
Kinzig (Main)	L p	1.250	HAT EFH		208
Schwarzbach (Main)	L p	15.500	HAT EFH		2.583
Weschnitz	L p	2.000	HAT EFH		333
Wisper	L p	18.750	HAT EFH		3.125
Summe		**43.900**		(500 Mf)	**7.529**
Germany, Rhineland Palatinate					
Ahr	L p	78.000	HAT EFH		6.758
Ahr					
Lahn, Mühlbach		0			
Moselle, Elzbach	L p	30.500	HAT EFH		1.525
Saynbach		0			
Saynbach		0			
Saynbachsystem gesamt		0			
Nister, Kleine Nister (Sieg)	L p	9.250	KFS		1.630
Nister, Kleine Nister (Sieg)	L p	13.374	HAT EFH		2.335
Nister (Sieg)	La	51.500	WLZ		2.575
Wisserbach (Sieg)		447			80
Heller (Sieg)		0			
Sieg	La	1.000	WLZ		50
Sieg	L p	12.930	HAT EFH		2.155
Sieg system total		**88.501**			**8.825**
Nahe	L p	12.000	HAT EFH		2.000
Guldenbach (Nahe) & Nahe	L p	24.000	HAT EFH		4.000
Speyerbach					
Speyerbach	La	38.000	Obenheim (F)		1.900
Wieslauter	La	40.000	Obenheim (F)		2.000
Sum		**311.000**			**27.008**
Germany, North Rhine Westphalia					
	L0	113.738	Sieg-Returners / EFH Albaum		5.687
Sieg and tributaries	La	396.591	Sieg-Returners / EFH Albaum		50.889
	Ls	24.417	Sieg-Returners / EFH Albaum		6.104
Sum		**534.746**			**62.680**
	L0	104.850	Sieg-Returners / EFH Albaum		5.243
	La	60.000	Sieg-Returners / EFH Albaum		9.000
Wupper and tributaries	La	70.000	EFH Haspe		10.500
	La	10.000	Sieg-Returners / EFH Albaum		1.500
Sum		**244.850**			**26.243**
Dhünn and tributaries	La	40.900	Sieg-Returners / EFH Albaum		6.135
		40.900			**6.135**
Sum		**820.496**			**95.058**

cwt = coded wire tags; a/c = adipose clipping; EFH = broodstock; DCV = Danish Center for Vildlaks; WLZ = Wildlachszentrum; HAT = Haspe Reservoir Salmon Centre
KFS = Monitoring and catching station; L e = salmon fertilized eggs; L b = Salmon fry; L0 0 unfeed fry; La = feed fry;
L p = Salmon parr (= one summer old, half year = 0+); L ps = Salmon pre-smolt; L s = Salmon smolt; L 1 = one year old salmon;
L 2 = two year old salmon; Mf p = Sea trout parr; k. A. = data not specified by publication deadline

Sum Stocking Stages **1.944.098**

Stocking measures with large salmonids in the Rhine system 2020					
Country/Water body	**Stocking**				
	Kind and stage	Number	Origin	Marking	smolt equivalent
Switzerland					
Wiese	L0/La	20000	Rhine returners F2, Rhine returners F3	genetic	
Rhein	L0	10000	Rhine returners F3	genetic	
Birs	L0	20000	Rhine returners F3	genetic	
Arisdörferbach	L0/La	4800	Rhine returners F2	genetic	
Hintere Frenke	La	2500	Rhine returners F2	genetic	
Ergolz	L0/La	10600	Rhine returners F2	genetic	
Magdenerbach	L0	8400	Rhine returners F2, Rhine returners F3	genetic	
Möhlinbach	L0	13700	Rhine returners F3	genetic	
Etzgerbach	L0/La	4600	Rhine returners F2, Rhine returners F3	genetic	
Alter Rhein	L0	3500	Rhine returners F3	genetic	
Bachtalbach	L0	1000	Rhine returners F3	genetic	
Sickerwasserkanal Klingnau	L0	2300	Rhine returners F3	genetic	
Surb	L0	7700	Rhine returners F2	genetic	
Bünz	L0	8400	Rhine returners F2	genetic	
Wigger	L0/La	3600	Rhine returners F2, Rhine returners F3	genetic	
Flaacherbach	L0	6300	Rhine returners F2	genetic	
Sum		**127.400**			
France					
	La	155500	Allier		15550
Rhine (Alt-/Restrhein)					
	La	13.013	Allier		1301
Doller	La	11.555	Rhine		1156
Thur					
Lauch					
	S0	13.135	Rhine		657
Fecht and tributaries	La	16.986	Rhine		1699
	La	2.330	Rhine, wild (F1)		233
Ill	La	3.150	Rhine		315
Giessen and tributaries	La	13.085	Allier		1309
	La	14.300	Rhine		1430
	S0	25.721	Rhine		1286
Bruche	La	8.970	Rhine, wild (F1)		897
	La	10.900	Rhine		1090
	So	600	Rhine		9
Mosel	S0	5.250	Rhine		263
Blies	La	500	Rhine		50
Saar (Moselle system)	La	1.605	Rhine		161
Zorn					
Sum		**296.600**			**27.404**
Luxembourg					
Sauer (Moselle)		0			
Sum		**0**			
Germany, Baden-Württemberg					
Alb	L a	4.946	EFH Rhine	genetic	247
Murg	L p	37.100	Allier	genetic	6.183
Murg	L p	34.000	Allier	genetic	5.667
Oos, Oosbach					
Rench	L 0	12.030	EFH Rhine	genetic	301
Rench					
	L a	32.360	Allier	genetic	1.618
Kinzig with tributaries Erlenbach, Gutach, Wolf,	L a	81.545	EFH Rhine	genetic	4.077
Schiltach	L p	25.140	EFH Rhine	genetic	4.190
	L 0	27.626	EFH Rhine	genetic	691
Elz	L p	8.200	Allier	genetic	1.367
Dreisam					
Wiese	L 0	7.850	Allier	genetic	196
Wiese					
Sum		**270.797**			**24.537**
Germany, Hesse					
Nidda	Mf p	2.500	Ooste	a/c	**500**
Lahn, Dill, Weil, Elbbach	L p	8.000	EFH HAT		1.600
Lahn, Dill, Weil, Elbbach					
Lahnsystem gesamt					
Kinzig (Main)	L p	500	EFH HAT		54
Schwarzbach (Main)	L p	15.540	EFH HAT		1.684
Weschnitz	L p	1.200	EFH HAT		130
Wisper	L p	34.500	EFH HAT		3.738
Summe		**59.740**		(500 Mf)	**7.206**
Germany, Rhineland Palatinate					
Ahr	L p	133.250	EFH HAT		11.000
Ahr	L p	46.000	Götaälv		3.800
Lahn, Mühlbach					
Moselle, Elzbach	L p	21.875	Götaälv		3.646
Saynbach					
Saynbach					
Saynbachsystem gesamt					
Nister, Kleine Nister (Sieg)					
Nister, Kleine Nister (Sieg)					
	L p	40.056	WLZ		2.000
Nister (Sieg)	L p	33.600	EFH HAT		5.600
	L p	6.400	KFS Sieg		1.067
Wisserbach (Sieg)					
Heller (Sieg)					
Sieg	L p	3.000	EFH		500
Sieg					
Sieg system total					
Nahe					
Guldenbach (Nahe) & Nahe	L p	21.875	Götaälv		3.646
Speyerbach	L p	34.000	EFH Obenheim		5.667
Speyerbach	L s	1.140	EFH Obenheim	Transponder	285
Wieslauter	L p	40.000	EFH Obenheim		6.667
Sum		**381.196**			**43.878**
Germany, North Rhine Westphalia					
	L0	23.135	Sieg-Rückkehrer / EFH Albaum		1.157
	La	397.259	Sieg-Rückkehrer / EFH Albaum		59.589
Sieg and tributaries	L1	13.481	Sieg-Rückkehrer / EFH Albaum		2.696
	L2	110	Sieg-Rückkehrer / EFH Albaum	100 Ind. NEDAP	28
Sum		**433.985**			**63.469**
	L0	55.000	Sieg-Rückkehrer / EFH Albaum		2.750
	La	90.000	Sieg-Rückkehrer / EFH Albaum		13.500
Wupper and tributaries	La	70.000	EFH Haspe		10.500
	La	10.102	Sieg-Rückkehrer / EFH Albaum		1.515
	L2	110	Sieg-Rückkehrer / EFH Albaum	100 Ind. NEDAP	28
Sum		**225.102**			**28.265**
Dhünn and tributaries	La	26.256	Sieg-Rückkehrer / EFH Albaum		3.938
Sum		26.256			3.938
Lippe and tributaries	La	**10.149**	Sieg-Rückkehrer / EFH Albaum		**1.522**
Sum		**10.149**			
Sum		**695.492**			**1.522**

cwt = coded wire tags; a/c = adipose clipping; EFH = broodstock; DCV = Danish Center for Vildlaks; WLZ = Wildlachszentrum; HAT = Haspe Reservoir Salmon Centre
KFS = Monitoring and catching station; L e = salmon fertilized eggs; L b = Salmon fry; L0 0 unfeed fry; La = feed fry;
L p = Salmon parr (= one summer old, half year = 0+); L ps = Salmon pre-smolt; L s = Salmon smolt; L 1 = one year old salmon;
L 2 = two year old salmon; Mf p = Sea trout parr; k. A. = data not specified by publication deadline

Sum Stocking Stages **1.831.225**

Stocking measures with large salmonids in the Rhine system 2021					
Country/Water body	**Stocking**				
	Kind and stage	Number	Origin	Marking	smolt equivalent
Switzerland					
Wiese	La	12300	Rhine returner F2	genetic	
Rhein	L0	14900	Rhine returner F2	genetic	
Birs	La	3350	Rhine returner F2	genetic	
Arisdörferbach	Le	5500	Rhine returner F2	genetic	
Hintere Frenke	L0	8100	Rhine returner F2	genetic	
Ergolz	La	1800	Rhine returner F2	genetic	
Magdenerbach	L0	3000	Rhine returner F2	genetic	
Möhlinbach	L0	1700	Rhine returner F2	genetic	
Etzgerbach	L0	1050	Rhine returner F2	genetic	
Alter Rhein	L0	11400	Rhine returner F2	genetic	
Bachtalbach	L0	2500	Rhine returner F2	genetic	
Sickerwasserkanal Klingnau	L0	2000	Rhine returner F2	genetic	
Surb	L0	5000	Rhine returner F2	genetic	
Bünz	La	5275	Rhine returner F2	genetic	
Wigger	La	5475	Rhine returner F2	genetic	
Flaacherbach	La	6400	Rhine returner F2	genetic	
Sum		**89.750**			
France					
Rhine (Alt-/Restrhein)	L0	65000	Allier		1625
	La	52000	Allier		8667
Doller	La	13.214	Rhine		330
Thur					0
Lauch					0
	L0	15.000	Allier		375
Fecht and tributaries	La	11.830	Rhine wild - F1		296
	La	21.869	Rhine		3645
Ill	La	12.570	Rhine		314
Giessen and tributaries	La	7.400	Rhine wild - F1		1233
	La	12.950	Rhine		324
Bruche	L0	24.790	Allier		620
	La	25.910	Rhine		648
Mosel	L0	6.500	Rhine		163
Blies	La	500	Rhine		83
Saar (Moselle system)	La	2.000	Rhine		50
Zorn					
Sum		**271.533**			**18.372**
Luxembourg					
Sauer (Moselle)					
Sum					
Germany, Baden-Württemberg					
Alb	Lp	3.000			500
Murg	Lp	77.500			12.900
Murg					
Oos, Oosbach					
Rench					
Rench					
	Lp	112.400			19.000
Kinzig with tributaries Erlenbach, Gutach, Wolf, Schiltach	Le	15.000			
Elz	Lp	5.000			800
Dreisam					
Wiese	Lp	1.000			200
Wiese					
Sum		**213.900**			**33.400**
Germany, Hesse					
Nidda	Mf p	6.240	Wupper wild	a/c	**1.560**
Lahn, Dill, Weil, Elbbach	L p	11.500	HAT		2.300
Lahn, Dill, Weil, Elbbach					
Lahnsystem gesamt					
Kinzig (Main)	L p	1.110	HAT		185
Schwarzbach (Main)	L p	14.445	HAT		2.408
Weschnitz	L p	1.110	HAT		185
Wisper	L p	27.780	HAT		4.630
Summe		**55.945**			**9.708**
Germany, Rhineland Palatinate					
Ahr	La	52.630	HAT		2.632
Ahr	L s: L 1 & L 2	1.086	HAT		272
Lahn, Mühlbach		0			
Moselle, Elzbach	L p	2.000	HAT		333
Saynbach		0			
Saynbach		0			
Saynbachsystem gesamt		0			
Nister, Kleine Nister (Sieg)					
Nister, Kleine Nister (Sieg)					
Nister (Sieg)	La	20.077	WLZ		1.004
Wisserbach (Sieg)					
Heller (Sieg)	L e	19.697	WLZ		328
Sieg					
Sieg					
Sieg system total	**L p**	**126.745**	**HAT, KFS & WLZ**		**21.124**
Nahe					
Guldenbach (Nahe) & Nahe	L p	41.000	HAT		6.833
Speyerbach	L p	40.000	Obenheim		6.666
Speyerbach	L s L 1	1.411	Obenheim	cwt	353
Wieslauter	L p	40.000	Obenheim		6.666
Sum		**344.646**			**46.211**
Germany, North Rhine Westphalia					
	L0	58.351	Sieg-Returners / EFH Albaum		2.918
	La	460.544	Sieg-Returners / EFH Albaum		69.082
Sieg and tributaries	L2	65	Sieg-Returners / EFH Albaum		16
Sum		**518.960**			**72.015**
	L0	200.000	Sieg-Returners / EFH Albaum		10.000
	La	92.358	Sieg-Returners / EFH Albaum		13.854
Wupper and tributaries	La	10.000	EFH Haspe		1.500
	L2	60	Sieg-Returners / EFH Albaum		15
Sum		**302.418**			**25.369**
Dhünn and tributaries	La	15.000	Sieg-Returners / EFH Albaum		2.250
Sum		15.000			2.250
Lippe and tributaries	La	**25.031**	Sieg-Returners / EFH Albaum		**3.755**
Sum		**25.031**			**3.755**
Sum		**861.409**			**103.389**

cwt = coded wire tags; a/c = adipose clipping; EFH = broodstock; DCV = Danish Center for Vildlaks; WLZ = Wildlachszentrum; HAT = Haspe Reservoir Salmon Centre
KFS = Monitoring and catching station; L e = salmon fertilized eggs; L b = Salmon fry; L0 0 unfeed fry; La = feed fry;
L p = Salmon parr (= one summer old, half year = 0+); L ps = Salmon pre-smolt; L s = Salmon smolt; L 1 = one year old salmon;
L 2 = two year old salmon; Mf p = Sea trout parr; k. A. = data not specified by publication deadline

Sum Stocking Stages **1.837.183**

Stocking measures with large salmonids in the Rhine system 2022					
Country/Water body	**Stocking**				
	Kind and stage	Number	Origin	Marking	smolt equivalent
Switzerland					
Wiese	L0+La	20000		genetisch	
Rhein	La	15000		genetisch	
Birs	L0+La	22700		genetisch	
Arisdörferbach	Le	5000		genetisch	
Hintere Frenke	L0	0		genetisch	
Ergolz	Le + L0	35500		genetisch	
Magdenerbach	L0	4000		genetisch	
Möhlinbach	L0	13000		genetisch	
Etzgerbach	L0	5200		genetisch	
Alter Rhein	L0	0		genetisch	
Bachtalbach	L0	0		genetisch	
Sickerwasserkanal Klingnau	L0	3000		genetisch	
Surb	L0	7000		genetisch	
Bünz	L0	13000		genetisch	
Wigger	La	0		genetisch	
Flaacherbach	La	0		genetisch	
Wintersingerbach	L0	2000		genetisch	
Buuserbach	L0	2000		genetisch	
Sum		**147.400**			
France					**TAUX ASR**
Rhine (Alt-/Restrhein)	S0	51.288	Allier		2.564
	Sn	49.051	Allier		4.905
	S0	9.275	Rhin		464
Doller	Sn	9.812	Rhin		981
Thur					-
Lauch					-
	S0	15.824	Rhin		791
Fecht and tributaries	Sn	18.502	Rhin		1.850
	Sn	12.120	Rhin sauvage - F1		1.212
Ill					-
Giessen and tributaries	Sn	9.340	Rhin sauvage - F1		934
	Sn	4.884	Rhin		488
	S0	33.075	Rhin		1.654
Bruche	Sn	38.731	Rhin		3.873
Mosel	S0	5.427	Rhin		271
Blies					-
Saar (Moselle system)					-
Zorn					-
Sum		**257.329**			**19.988**
Luxembourg					
Sauer (Moselle)					
Sum					
Germany, Baden-Württemberg					
Alb	Lp	20.400	Allier	genetisch	3.400
Murg	Lp	70.300	Allier	genetisch	11.717
Murg					
Oos, Oosbach					
Rench	L0	16.100	Rhein	genetisch	403
Rench					
	Le	15.000	Rhein	genetisch	250
	L0	35.100	Rhein	genetisch	878
Kinzig with tributaries Erlenbach, Gutach,	La	41.600	Rhein	genetisch	2.080
Wolf, Schiltach	Lp	97.700	Allier + Rhein	genetisch	16.283
	L1	1.200	Rhein	genetisch	240
Elz					
Dreisam					
Wiese	Lp	14.100	Allier	genetisch	2.350
Wiese					
Sum		**311.500**			**37.600**
Germany, Hesse					
Nidda	Mf p	0			
Lahn, Dill, Weil, Elbbach	L p	8.000	EFH HAT		1.600
Lahn, Dill, Weil, Elbbach					
Lahnsystem gesamt					
Kinzig (Main)	L p	800	EFH HAT		133
Schwarzbach (Main)	L p	19.700	EFH HAT		3.283
Weschnitz	L p	800	EFH HAT		133
Wisper	L p	19.700	EFH HAT		3.283
Summe		**49.000**			**8.432**
Germany, Rhineland Palatinate					
Ahr	L p	65.250	EFH HAT		12.350
Ahr	L 1	18.000	EFH HAT		3.600
Lahn, Mühlbach					
Moselle, Elzbach	L p	9.750	EFH HAT		1.625
Moselle, Elzbach	L s	8.500	EFH HAT	a/c	2.125
Nette	L s / L 2	500	EFH HAT		125
Saynbach					
Saynbachsystem gesamt					
Nister, Kleine Nister (Sieg)	L p	14.000	KFS Sieg / EFH NRW /EFH HAT		
Nister, Kleine Nister (Sieg)					
Nister (Sieg)	L p	63.163	KFS Sieg / EFH NRW /EFH HAT		
Wisserbach (Sieg)					
Heller, Daage, Asdorf (Sieg)	L p	1.800	KFS Sieg / EFH NRW /EFH HAT		
Sieg					
Sieg	L p	41.200	EFH HAT		
Sieg system total					**17.662**
Nahe		16.875	EFH HAT		2.812
Guldenbach (Nahe) & Nahe		16.875	EFH HAT		2.813
Speyerbach	L p	45.000	Obenheim		2.250
Speyerbach	L s	1.580	Obenheim	Transponder	395
Wieslauter	L p	45.000	Obenheim		2.250
Sum		**347.493**			**48.007**
Germany, North Rhine Westphalia					
Sieg and tributaries	L0	66.639	Sieg-Rückkehrer / EFH Albaum		3.332
	La	464.712	Sieg-Rückkehrer / EFH Albaum		69.707
Sum		**531.351**			**73.039**
Wupper and tributaries	L0	348.000	Sieg-Rückkehrer / EFH Albaum		17.400
	La	100.214	Sieg-Rückkehrer / EFH Albaum		15.032
					0
Sum		**448.214**			**32.432**
Dhünn and tributaries	La	19.230	Sieg-Rückkehrer / EFH Albaum		2.885
Sum		**19.230**			**2.885**
Lippe and tributaries		-			-
Sum		**-**			-
Sum		**998.795**			**108.355**

cwt = coded wire tags; a/c = adipose clipping; EFH = broodstock; DCV = Danish Center for Vildlaks; WLZ = Wildlachszentrum; HAT = Haspe Reservoir Salmon Centre;
KFS = Monitoring and catching station; L e = salmon fertilized eggs; L b = Salmon fry; L0 0 unfeed fry; La = feed fry;
L p = Salmon parr (= one summer old, half year = 0+); L ps = Salmon pre-smolt; L s = Salmon smolt; L 1 = one year old salmon;
L 2 = two year old salmon; Mf p = Sea trout parr; k. A. = data not specified by publication deadline

Sum Stocking Stages		**2.111.517**	**222.383**