



|   |  |  |  |  |
|---|--|--|--|--|
|  |  |  |  |  |
|   |  |  |  |  |
|   |  |  |  |  |
|   |  |  |  |  |
|   |  |  |  |  |
|   |  |  |  |  |

### Stocking measures with big salmonids in the Rhine system 2010

| Country / Water body                   | Stocking             |                  |  |                |
|--|----------------------|------------------|--|----------------|
|  | Kind and stage       | Number           | Origin                                       | Marking        |
| <b>Switzerland</b>                     | Lb (L <sub>3</sub> ) | 15.000           | Allier                                       | no             |
|  | Lp                   | 10.000           | Allier                                       | cwt a/c        |
| <b>France</b>                          |                      |                  |  |                |
|  | Lb (L0)              | 26.500           | Allier                                       | no             |
| Rhine (Old Rhine)                      | Lb (L <sub>3</sub> ) | 24.800           | Allier                                       | no             |
|  | Lb (L <sub>3</sub> ) | 8.300            | Allier                                       | no             |
| Doller                                 | Lb (L <sub>3</sub> ) | 30.000           | Allier                                       | no             |
| Thur                                   | Lb (L <sub>3</sub> ) | 31.000           | Allier                                       | no             |
| Lauch                                  | Lb (L <sub>3</sub> ) | 10.000           | Allier                                       | no             |
| Fecht and tributaries                  | Lb (L <sub>3</sub> ) | 34.550           | Allier                                       | no             |
|  | Lb (L <sub>3</sub> ) | 8.450            | Allier                                       | no             |
| Giessen and tributaries                | Lb (L <sub>3</sub> ) | 30.000           | Allier                                       | no             |
| Bruche                                 | Lb (L <sub>3</sub> ) | 65.480           | Allier                                       | no             |
|  | Lb (L <sub>3</sub> ) | 8.400            | Rhine  | no             |
| Moselle                                | Lb (L <sub>3</sub> ) | 5.000            | Atran (HAT)                                  | no             |
| <b>Luxemburg</b>                       |                      | 0                |  |                |
| <b>Germany, Bavaria</b>                |                      | n. s.            |  |                |
| <b>Germany, Baden-Württemberg</b>      |                      |                  |  |                |
| Alb                                    | Lb (L <sub>3</sub> ) | 27.540           | Allier                                       | no             |
| Murg                                   | Lb (L <sub>3</sub> ) | 48.000           | Allier                                       | no             |
| Oos                                    | Lb (L <sub>3</sub> ) | 13.000           | Allier                                       | no             |
| Rench                                  | Lb (L <sub>3</sub> ) | 15.000           | Allier                                       | no             |
| Kinzig and tributaries                 | Lb (L <sub>3</sub> ) | 105.800          | Allier                                       | no             |
| Elz                                    | Lb (L <sub>3</sub> ) | 8.700            | Allier                                       | no             |
| Dreisam                                | Lb (L <sub>3</sub> ) | 3.000            | Allier                                       | no             |
| Wiese                                  | Lb (L <sub>3</sub> ) | 2.000            | Allier                                       | no             |
| <b>Germany, Hesse</b>                  |                      |                  |  |                |
| 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            |
| <b>Germany, Rhineland Palatinate</b>   |                      |                  |  |                |
|  | Ls 1                 | 9.850            | EFH Sieg                                     | a/c            |
| Ahr                                    | 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            |
|  | Lp                   | 5.000            | EFH Sieg                                     |                |
| 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                                       |                |
| <b>Germany, North Rhine Westphalia</b> |                      |                  |  |                |
|  | Lb (L0)              | 55.000           | Sieg   | no             |
|  | Lb (L <sub>3</sub> ) | 397.669          | Sieg (partly Atran)                          | no             |
|  | Lp                   | 35.000           | Sieg   | no             |
| Sieg and tributaries                   | 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 <sub>3</sub> ) | 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 <sub>3</sub> ) | 40.000           | Atran  | no             |
|  | L1 / Ls              | 40               | Sieg   | Transponder    |
|  | L1 / Ls              | 60               | Sieg   | no             |
| <b>Sum stocking stages</b>             |                      | <b>1.344.547</b> |  |                |
| Sum only salmon                        |                      | 1.338.047        |  |                |

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

| <b>Stocking measures with big salmonids in the Rhine system 2011</b>  |                       |                  |                       |                |         |
|---|-----------------------|------------------|-----------------------|----------------|---------|
| <b>Country / Water body</b>   | <b>Stocking</b>       |                  |                       |                |         |
|   | <b>Kind and stage</b> | <b>Number</b>    | <b>Origin</b>         | <b>Marking</b> |         |
| <b>Switzerland</b>  |                       |                  |                       |                | 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 <sub>a</sub> )  | 3.000            | Allier                | no             |         |
| Möhlbach  | Lb (L <sub>a</sub> )  | 6.000            | Allier                | no             |         |
| Etzgerbach  | Lb (L <sub>a</sub> )  | 2.000            | Allier                | no             |         |
| Bachtalbach   | Lb (L <sub>a</sub> )  | 1.000            | Allier                | no             |         |
| Magdenerbach  | Lb (L <sub>a</sub> )  | 2.000            | Allier                | no             |         |
| <b>France</b>   |                       |                  |                       |                | 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             |         |
|   | La                    | 37.220           | Allier                | yes 2120 a/a   |         |
| Bruche  | La                    | 17.300           | Allier                | no             |         |
| Moselle   | La                    | 5.000            | Åtran (HAT)           | no             |         |
| <b>Luxemburg</b>  |                       |                  |                       |                | 10.000  |
| Sure (Moselle)  | L1                    | 10.000           | Atran (DCV)           | cwt a/c        |         |
| <b>Germany, Baden-Württemberg</b>   |                       |                  |                       |                | 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, Gutach, Wolf  | La                    | 121.550          | Allier                | no             |         |
|   | Ls                    | 4.600            | Allier                | no             |         |
| Elz   | La                    | 25.000           | Allier                | no             |         |
| Dreisam   | La                    | 2.000            | Allier                | no             |         |
| Wiese   | La                    | 5.000            | Allier                | no             |         |
| <b>Germany, Hesse</b>   |                       |                  |                       |                | 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 Koster)   | Ls                    | 2.800            | Sieg (HAT)            | a/c            |         |
| Wisper  | Ls                    | 1.800            | Sieg (HAT)            | a/c            |         |
| Wisper  | Lp                    | 4.000            | Sieg & Saynbach (HAT) |                |         |
| <b>Germany, Rhineland Palatinate</b>  |                       |                  |                       |                | 101.970 |
| Ahr   | Ls                    | 10.000           | Åtran (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             |         |
| <b>Germany, North Rhine Westphalia</b>  |                       |                  |                       |                | 565.711 |
| Sieg and tributaries  | Lb (L0)               | 176.129          | Sieg                  | no             |         |
|   | Lb (L <sub>a</sub> )  | 192.417          | Sieg                  | no             |         |
|   | Lp 1+                 | 16.550           | Sieg                  | partly a/c     |         |
|   | Lp 1+                 | 24.000           | Åtran (DCV)           | a/c            |         |
|   | L1 / Ls               | 5.420            | Sieg                  | cwt a/c        |         |
| Wupper and small tributaries  | L1 / Ls               | 65               | Sieg                  | Transponder    |         |
|   | Lb (L0)               | 50.000           | Sieg                  | no             |         |
|   | Lb (L <sub>a</sub> )  | 66.000           | Sieg                  | no             |         |
| Dhünn and small tributaries   | L1 / Ls               | 65               | Sieg                  | Transponder    |         |
|   | 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)               |                       |                  |                       |                |         |
| <b>Sum stocking stages</b>  |                       | <b>1.368.151</b> |                       |                |         |

| <b>Stocking measures with big salmonids in the Rhine system 2012</b>  |                       |                  |                           |                |           |
|---|-----------------------|------------------|---------------------------|----------------|-----------|
| <b>Country / Water body</b>   | <b>Stocking</b>       |                  |                           |                |           |
|   | <b>Kind and stage</b> | <b>Number</b>    | <b>Origin</b>             | <b>Marking</b> |           |
| <b>Switzerland</b>  |                       |                  |                           |                | 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 <sub>3</sub> )  | 3.000            | Allier                    | no             |           |
| Möhlinbach  | Lb (L <sub>3</sub> )  | 6.000            | Allier                    | no             |           |
| Etzgerbach  | Lb (L <sub>3</sub> )  | 3.000            | Allier                    | no             |           |
| Bachtalbach   | Lb (L <sub>3</sub> )  | 500              | Allier                    | no             |           |
| Magdenerbach  | Lb (L <sub>3</sub> )  | 2.000            | Allier                    | no             |           |
| <b>France</b>   |                       |                  |                           |                | 418.420   |
|   | L0                    | 119.000          | Allier                    | No             |           |
| Rhine (Old Rhine)   | 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        |           |
|   | La                    | 42.320           | Allier                    | 2120 a/c       |           |
| Bruche  | La                    | 7.400            | Rhine                     | No             |           |
| Moselle   | La                    | 5.000            | Ätran (HAT)               | No             |           |
|   |                       |                  |                           |                |           |
| Blies   | La                    | 3.000            | Allier                    | No             |           |
| <b>Luxemburg</b>  |                       |                  |                           |                |           |
| Sure (Moselle)  |                       | 0                |                           |                |           |
| <b>Germany, Baden-Württemberg</b>   |                       |                  |                           |                | 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             |           |
|   | La                    | 111.600          | Allier                    | no             |           |
| Kinzig and tributaries Erlenbach, Gutach, Wolf  | 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             |           |
| <b>Germany, Hesse</b>   |                       |                  |                           |                | 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                |                           |                |           |
|   | Lp                    | 10000            | EFH Sieg & Saynbach (HAT) | no             |           |
| Wisper  | Ls                    | 2300             | EFH Sieg & Saynbach (HAT) | a/c            |           |
| <b>Germany, Rhineland Palatinate</b>  |                       |                  |                           |                | 204.300   |
| Ahr   | Lp                    | 80.000           | EFH Sieg & Saynbach (HAT) | no             |           |
|   | Ls                    | 3.000            | EFH Sieg & Saynbach (HAT) | a/c            |           |
| Lahn, Mühlbach  | 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             |           |
|   | Ls                    | 10.000           | KFS Sieg (HAT)            | a/c            |           |
|   | Lp                    | 18.500           | KFS Sieg (HAT)            | no             |           |
|   | Lp                    | 27.000           | EFH Sieg & Saynbach (HAT) | no             |           |
|   | Ls                    | 2.000            | KFS Sieg (HAT)            | a/c            |           |
| Wisserbach (Sieg)   | Lp                    | 12.000           | EFH Sieg & Saynbach (HAT) | no             |           |
| Wieslauter  | Lp                    | 20.000           | Allier                    | no             |           |
| <b>Germany, North Rhine Westphalia</b>  |                       |                  |                           |                | 1.091.582 |
|   | 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        |           |
|   | Lb (L0)               | 56.000           | Sieg                      | no             |           |
| Wupper and small tributaries  | 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 unfed 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  |                       |                  |                           |                |           |
| <b>Sum stocking stages</b>  |                       | <b>2.052.802</b> |                           |                |           |

| 3Stocking measures with big salmonids in the Rhine system 2013   |                |                  |                    |             |                         |
|--|----------------|------------------|--------------------|-------------|-------------------------|
| Country / Water body   | Stocking       |                  |                    |             | Sums / smolt equivalent |
| <b>Switzerland</b>   | Kind and stage | Number           | Origin             | Marking     | <b>34.600</b>           |
| Rhein  | L b ( La)      | 5.000            | Allier             |             |                         |
| Birs   | L b ( La)      | 7.000            | Allier             |             |                         |
| Ergolz   | L b ( La)      | 1.000            | Allier             |             |                         |
| Riehen Tych  | L b ( La)      | 600              | Allier             |             |                         |
| Wiese  | L b ( La)      | 3.000            | Allier             |             |                         |
| Arisdörferbach   | L b ( La)      | 2.000            | Allier             |             |                         |
| Möhlinbach   | L b ( La)      | 6.500            | Allier             |             |                         |
| Etzgerbach   | L b ( La)      | 5.000            | Allier             |             |                         |
| Bachtalbach  | L b ( La)      | 500              | Allier             |             |                         |
| Binnenkanal Klingnau   | L b ( La)      | 500              | Allier             |             |                         |
| Magdenerbach   | L b ( La)      | 3.500            | Allier             |             |                         |
| <b>France</b>  |                |                  |                    |             | <b>357.220</b>          |
| Rhein (Alt-/Restrhein)   | La             | 47.000           | Allier             |             | 5875                    |
|  | L0             | 46.500           | Rhein              |             | 1535                    |
|  | La             | 37.800           | Allier             |             | 4725                    |
| Doller   | La             | 20.000           | Rhein              |             | 2500                    |
|  | La             | 11.750           | Allier             |             | 1469                    |
| Thur   | La             | 31.350           | Allier             |             | 3919                    |
| Lauch  | La             | 10.760           | Rhein              |             | 1345                    |
| Fecht und Zuflüsse   | La             | 42.500           | Rhein              | 650 a/c     | 5313                    |
| Ill  | La             | 2.500            | Rhein              |             | 313                     |
| Giessen und Zuflüsse   | La             | 34.900           | Rhein              | 400 a/c     | 4363                    |
| Bruche   | La             | 29.040           | Allier             | 2120 a/c    | 3630                    |
|  | La             | 32.120           | Rhein              |             | 4015                    |
| Mosel  | La             | 3.000            | Ätran              |             | 375                     |
| Blies  | La             | 3.000            | Allier             |             | 375                     |
| Saar (Moselsystem)   | La             | 5.000            | EFH Ätran          |             |                         |
| <b>Luxembourg</b>  |                |                  |                    |             | <b>10.022</b>           |
| Sauer (Mosel)  | Ls             | 10.022           | Dänemark           | a/c + wt    |                         |
| <b>Germany, Baden-Württemberg</b>  |                |                  |                    |             | <b>225.130</b>          |
| Alb  | L a            | 18.760           | Loire-Allier       | nein        |                         |
| Murg   | L a            | 47.000           | Loire-Allier       | nein        |                         |
| Murg   | L s            | 3.470            | Loire-Allier       | nein        |                         |
| Oos, Oosbach   | L a            | 3.000            | Loire-Allier       | nein        |                         |
| Rench  | L a            | 10.250           | Loire-Allier       | nein        |                         |
| Kinzig mit Zuflüssen Erlenbach, Gutach, Wolf   | L a            | 70.700           | Loire-Allier       | nein        |                         |
|  | L a            | 25.900           | Rhein              | nein        |                         |
|  | L s            | 4.300            | Loire-Allier       | nein        |                         |
| Elz  | L a            | 29.250           | Loire-Allier       | nein        |                         |
| Dreisam  | L a            | 3.000            | Loire-Allier       | nein        |                         |
| Wiese  | L a            | 9.500            | Loire-Allier       | nein        |                         |
| <b>Germany, Hesse</b>  |                |                  |                    |             |                         |
| Nidda *  | Mf p           | 10.000           | Rhein              | a/c         | <b>10.000</b>           |
| Lahn, Dill, Weil   | L 1            | 1.400            | EFH Ätran          | a/c         | <b>52.100,00</b>        |
| Kinzig (Main)  | L p            | 1.000            | EFH Ätran          |             |                         |
| Schwarzbach (Main)   | L p            | 20.000           | EFH Ätran          |             |                         |
| Weschnitz (Erstbesatz!)  | L p            | 4.500            | EFH Ätran          |             |                         |
| Wisper   | L s            | 3.200            | EFH Ätran          | a/c         |                         |
|  | L p            | 22.000           | EFH Ätran          |             |                         |
| <b>Germany, Rhineland Palatinate</b>   |                |                  |                    |             | <b>191.050</b>          |
| Ahr  | L p            | 75.000           | EFH Ätran          |             |                         |
| Ahr  | L s            | 4.200            |                    | a/c         |                         |
| Lahn, Mühlbach   | L p            | 5.000            | EFH Ätran          | a/c         |                         |
|  | L p            | 0                | EFH Ätran          |             |                         |
| Mosel, Elzbach   | L p            | 11.000           | EFH Ätran          |             |                         |
| Mosel, Elzbach   | L s            | 4.200            | EFH Ätran          | a/c         |                         |
| Saynbach   | L s 1          | 2.850            | EFH Ätran          | a/c         |                         |
| Nister, Kleine Nister (Sieg)   | L p            | 4.000            | KFS Sieg           |             |                         |
| Nister, Kleine Nister (Sieg)   | L p            | 4.000            | EFH Ätran          |             |                         |
|  | L p            | 23.500           | KFS                |             |                         |
| Nister (Sieg)  | L p            | 23.000           | EFH Ätran          |             |                         |
|  | L s            | 3.300            | EFH Ätran          | a/c         |                         |
| Wisserbach (Sieg)  | L p            | 0                |                    |             |                         |
|  | L s            | 1.000            |                    |             |                         |
| Wieslauter   | L b            | 30.000           | EFH Ätran          | a/c         |                         |
| <b>Germany, North Rhine Westphalia</b>   |                |                  |                    |             | <b>966.930</b>          |
| Sieg und Nebengewässer   | Lb (L0)        | 89.510           | Sieg               | nein        |                         |
|  | Lb (La)        | 200.000          | Ätran              | nein        |                         |
|  | Lb (La)        | 340.331          | Sieg               | nein        |                         |
|  | Lp (0+)        | 9.518            | Sieg               | a/c         |                         |
|  | Lp (0+)        | 112.000          | Ätran              | z.T. a/c    |                         |
|  | Lp (1+)        | 20.000           | Ätran              | a/c         |                         |
|  | Lp (1+)        | 10.687           | Sieg               | nein        |                         |
|  | Ls (L1)        | 12.697           | Sieg               | nein        |                         |
| Ls (L2)  | 40             | Sieg             | Transponder        |             |                         |
| Wupper und kleine Zuflüsse   | Lb (L0)        | 63.500           | Sieg               | nein        |                         |
|  | Lb (La)        | 47.300           | Sieg / 3000 Wupper | nein        |                         |
|  | Ls (L2)        | 40               | Sieg               | Transponder |                         |
| Dhünn und kleine Zuflüsse  | Lb (L0)        | 61.267           | Sieg               | nein        |                         |
|  | Ls (L2)        | 40               | Sieg               | Transponder |                         |
| cwt = coded wire tags; a/c = Fettflossenschnitt (adipose clipping); EFH = Elternfischhaltung;<br>KFS = Kontroll- und Fangstation; L e = Lachseier; L b = Lachsbrut; L0 = unangefütterte Brut; La = angefütterte Brut;<br>L p = Lachsparrs (= Sommerlinge halbjährig = 0+); L ps = Lachs-Prsmolt; L s = Lachssmolt; L 1 = einjähriger Lachs;<br>L 2 = zweijähriger Lachs; Mf p = Meerforellenparrs; k. A. = keine Angabe bis zum Stichtag |                |                  |                    |             |                         |
| <b>Sum stocking stages</b>   |                | <b>1.847.052</b> |                    |             |                         |

| <b>Stocking measures with big salmonids in the Rhine system 2014</b>  |                       |                  |   |                       |                                |
|---|-----------------------|------------------|---|-----------------------|--------------------------------|
| <b>Country / Water body</b>   | <b>Stocking</b>       |                  |   |                       | <b>Sums / smolt equivalent</b> |
|   | <b>Kind and stage</b> | <b>Number</b>    | <b>Origin</b>   | <b>Marking</b>        |                                |
| <b>Switzerland</b>  |                       |                  |   |                       | <b>35.500</b>                  |
| 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              |                                |
| <b>France</b>   |                       |                  |   |                       | <b>438.210</b>                 |
| 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)   |                       |                  |   |                       |                                |
| <b>Luxemburg</b>  |                       |                  |   |                       | <b>0</b>                       |
| Sure (Moselle)  |                       | 0                |   |                       |                                |
| <b>Germany, Baden-Württemberg</b>   |                       |                  |   |                       | <b>381.750</b>                 |
| 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  |                       |                                |
|   | L a                   | 103.150          | EFH Rhine   |                       |                                |
|   | L a                   | 49.000           | urner Rhine x EFH Returner Rhine                        |                       |                                |
| Kinzig and tributaries Erlenbach, Gutach, Wolf  | 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  |                       |                                |
| <b>Germany, Hesse</b>   |                       |                  |   |                       |                                |
| Nidda *   | Mf p                  | 3.800            | Wupper  | a/c                   | <b>3.800</b>                   |
| Lahn, Dill, Weil  | L s 2                 | 410              | EFH Ätran   |                       | <b>42.410,00</b>               |
| 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                   |                                |
| <b>Germany, Rhineland Palatinate</b>  |                       |                  |   |                       | <b>218.070</b>                 |
| 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                |   |                       |                                |
| 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  |                       |                                |
| <b>Germany, North Rhine Westphalia</b>  |                       |                  |   |                       | <b>862.627</b>                 |
| Sieg and tributaries  | La                    | 66.071           | Returner to R. Sieg / EFH<br>returner to R. Sieg / EFH; |                       | 9911                           |
|   | La                    | 483.053          | returner to R. Gundenau /<br>EFH                        |                       | 82119                          |
|   | Lp                    | 100.366          | Returner to R. Sieg / EFH;<br>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; L 0 unfed fry; La = fed 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  |                       |                  |   |                       |                                |
| <b>Sum stocking stages</b>  |                       | <b>1.982.367</b> |   |                       |                                |

| Stocking measures with big salmonids in the Rhine system 2015 |                |                |                                |                      |                  |
|---|----------------|----------------|--------------------------------|----------------------|------------------|
| Country / Water body  | Stocking       |                |                                |                      |                  |
|   | Kind and stage | Number         | Origin                         | Marking              | smolt equivalent |
| <b>Switzerland</b>  |                |                |                                |                      |                  |
| 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               |
| <b>Sum</b>  |                | <b>20500</b>   |                                |                      | <b>3.417</b>     |
| <b>France</b>   |                |                |                                |                      |                  |
| 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              |
| Moselle   | Le             | 2100           | Ätran                          | genetics             |                  |
|   | L0             | 2550           | Ätran                          | genetics             |                  |
| Houille   |                | 0              |                                | genetics             |                  |
| Blies   | La             | 3000           | Allier                         | genetics             | 300              |
| Saar (Moselle system)   |                |                |                                |                      |                  |
| <b>Sum</b>  |                | <b>324550</b>  |                                |                      | <b>24740</b>     |
| <b>Luxemburg</b>  |                |                |                                |                      |                  |
| Sure (Moselle)  |                | 0              |                                |                      |                  |
| <b>Sum</b>  |                | <b>0</b>       |                                |                      |                  |
| <b>Germany, Baden-Württemberg</b>                             |                |                |                                |                      |                  |
| 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            |
| <b>Sum</b>  |                | <b>336.890</b> |                                |                      | <b>38.017</b>    |
| <b>Germany, Hesse</b>   |                |                |                                |                      |                  |
| 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             |
| <b>Sum</b>  |                | <b>43325</b>   |                                |                      | <b>3.796</b>     |
| <b>Germany, Rhineland Palatinate</b>                          |                |                |                                |                      |                  |
| Ahr   | L p            | 50000          | Ätran (EFH)                    |                      | 8.333            |
| Lahn, Mühlbach  |                | 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                  |                  |
| Nister (Sieg)   | L p            | 28490          | Ätran (KFS)                    |                      |                  |
|   | L p            | 48510          | Ätran (EFH)                    |                      |                  |
| Wisserbach (Sieg)   |                | 0              |                                |                      |                  |
|   |                | 0              |                                |                      |                  |
| Sieg river system total                                       |                |                |                                |                      | 15100            |
| Nahe  | L s            | 8762           | Ätran (DCV)                    | a/c                  |                  |
| Guidentbach (Nahe)  | L p            | 9250           | Ätran (EFH)                    |                      |                  |
| Speyerbach  | La             | 30000          | Allier                         |                      |                  |
| Wieslauter  | La             | 35000          | Allier                         |                      |                  |
| <b>Sum</b>  |                | <b>245852</b>  |                                |                      | <b>28.726</b>    |
| <b>Germany, North Rhine Westphalia</b>                        |                |                |                                |                      |                  |
| 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               |
| <b>Sum</b>  |                | <b>445707</b>  |                                |                      | <b>64234</b>     |

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 U unfed 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

|                            |  |                |  |  |  |
|----------------------------|--|----------------|--|--|--|
| <b>Sum stocking stages</b> |  | <b>1416824</b> |  |  |  |
|----------------------------|--|----------------|--|--|--|

| Stocking measures with big salmonids in the Rhine system 2016   |                |                  |   |                   |                  |
|---|----------------|------------------|---|-------------------|------------------|
| Country/Water body  | Stocking       |                  |   |                   |                  |
|   | Kind and stage | Number           | Origin                                    | Marking           | smolt equivalent |
| <b>Switzerland</b>  |                |                  |   |                   |                  |
| Wiese   | Lp             | 3000             | Petite Camargue R22, B2, B3, B4, B5       | genetics          |                  |
| Rhein   | Lp             | 3.800            | Petite Camargue B9, B10, B11, B13         | genetics          |                  |
| Rieheuteich   | 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          |                  |
| Magdenerebach   | Lp             | 4.000            | Petite Camargue R20                       | genetics          |                  |
| Möhlbach (Bachteile, Möhlin)  | Lp             | 500              | Petite Camargue B6B7                      | genetics          |                  |
| Möhlbach (Möhlin / Zeiningen)   | Lp             | 1.000            | Petite Camargue B6B7                      | genetics          |                  |
| Möhlbach (Zuzgen, Helliikon)  | Lp             | 1.300            | Petite Camargue B6B7                      | genetics          |                  |
| Möhlbach  | Le             | 6.100            | Petite Camargue B8                        | genetics          |                  |
| Möhlbach  | 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          |                  |
| <b>Sum</b>  |                | <b>46.900</b>    |   |                   | <b>0</b>         |
| <b>France</b>   |                |                  |   |                   |                  |
| 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)  |                |                  |   |                   |                  |
| <b>Sum</b>  |                | <b>399.640</b>   |   |                   | <b>29.957</b>    |
| <b>Luxemburg</b>  |                |                  |   |                   |                  |
| Sure (Moselle)  |                |                  |   |                   |                  |
| <b>Sum</b>  |                | <b>0</b>         |   |                   |                  |
| <b>Germany, Baden-Württemberg</b>   |                |                  |   |                   |                  |
| 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          |                  |
| Kinzig mit Zuflüssen Erlenbach, Gutach, Wolf  | La             | 82550            | Rhine                                     | genetics          | 2.064            |
|   | Lp             | 66750            | Loire-Allier                              | genetics          | 3.338            |
|   | 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            |
| <b>Sum</b>  |                | <b>385.535</b>   |   |                   | <b>39.828</b>    |
| <b>Germany, Hesse</b>   |                |                  |   |                   |                  |
| 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            |
| <b>Sum</b>  |                | <b>39.620</b>    |   |                   | <b>8.175</b>     |
| <b>Germany, Rhineland Palatinate</b>  |                |                  |   |                   |                  |
| 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                                       |                   |                  |
| Nister, Kleine Nister (Sieg)  | L s            | 2.000            | EFH                                       |                   |                  |
| Nister (Sieg)   |                |                  |   |                   |                  |
| Wisserbach (Sieg)   | L p            | 4.930            | KFS                                       |                   |                  |
| Heller (Sieg)   | L p            | 3.850            | KFS                                       |                   |                  |
| Siegssystem 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            |
| <b>Sum</b>  |                | <b>300.170</b>   |   |                   | <b>43.105</b>    |
| <b>Germany, North Rhine Westphalia</b>  |                |                  |   |                   |                  |
|   | 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           |
| <b>Sum</b>  |                | <b>735.868</b>   |   |                   | <b>114.745</b>   |
| <small>cwt = coded wire tags; a/c = adipose clipping; EFH = parent fish keeping; DCV = Danish Center for Vildtkids<br/> KFS = Monitoring and catching station; L e = salmon spawn; L b = Salmon fry; L 0 unfed fry; L a = fed fry;<br/> 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;<br/> L 2 = two years old salmon; Mf p = Sea trout parr; k. A. = not specified by deadline</small> |                |                  |   |                   |                  |
| <b>Sum stocking stages</b>  |                | <b>1.907.733</b> |   |                   |                  |

| Stocking measures with big salmonids in the Rhine system 2017   |                |                  |  |          |                  |
|---|----------------|------------------|--|----------|------------------|
| Country/Water body  | Stocking       |                  |  |          |                  |
|   | Kind and stage | Number           | Origin   | Marking  | smolt equivalent |
| <b>Switzerland</b>  |                |                  |  |          |                  |
| 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 |                  |
| Hinterer 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, Möhlin)   | Lp             | 600              | Petite Camargue B7B8   | genetics |                  |
| Möhlinbach (Möhlin / Zeinin)  | Lp             | 2.000            | Petite Camargue B7B8   | genetics |                  |
| Möhlinbach (Zuzgen, Hellik)   | 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 |                  |
| <b>Sum</b>  |                | <b>39.300</b>    |  |          |                  |
| <b>France</b>   |                |                  |  |          |                  |
| Rhein (Alt-/Restrhein)  | LO             | 269.147          | Allier   |          | 13457            |
|   | LO             | 142.000          | Rhine  |          | 7100             |
|   | La             | 31.500           | Rhine  |          | 3150             |
|   | LO             | 5.000            | Rhine  |          | 250              |
| Doller  | La             | 21.900           | Rhine  |          | 2190             |
|   | LO             | 2.500            | Rhine  |          | 125              |
| Thur  | La             | 12.000           | Rhine  |          | 1200             |
|   | LO             | 2.500            | Rhine  |          | 125              |
| Lauch   | La             | 5.000            | Rhine  |          | 500              |
|   | LO             | 10.000           | Rhine  |          | 500              |
| Fecht und Zuflüsse  | La             | 39.000           | Rhine  |          | 3900             |
|   | LO             | 4.200            | Rhine  |          | 210              |
| Ill   | La             | 17.500           | Rhine  |          | 1750             |
|   | LO             | 10.000           | Rhine  |          | 500              |
| Giessen und Zuflüsse  | La             | 28.472           | Rhine  |          | 2847             |
|   | LO             | 10.500           | Rhine  |          | 525              |
| Bruche  | La             | 32.000           | Rhine  |          | 3200             |
|   | La             | 25.000           | Rhine, wild (F1)   |          | 2500             |
|   | Le             | 2.100            | Allier   |          | 76               |
| Mosel   | LO             | 3.500            | Allier   |          | 175              |
|   | La             | 3.580            | Allier   |          | 358              |
| Blies   | La             | 3.150            | Rhine  |          | 315              |
| Saar (Moselsystem)  | La             | 2.550            | Rhine  |          | 255              |
| <b>Sum</b>  |                | <b>683.099</b>   |  |          | <b>45.208</b>    |
| <b>Luxemburg</b>  |                |                  |  |          |                  |
| Sure (Moselle)  |                |                  |  |          |                  |
| <b>Sum</b>  |                |                  |  |          |                  |
| <b>Germany, Baden-Württemberg</b>   |                |                  |  |          |                  |
| 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              |
| Kinzig mit Zuflüssen Erlenbach, Gutach, Wolf  | L a            | 49850            | EFH Rhine  |          | 1.246            |
|   | L a            | 59000            | EFH Rhine  |          | 2.950            |
|   | L p            | 33500            | EFH Rhine  |          | 5.583            |
|   | L ps           | 4000             | EFH Rhine  |          | 800              |
| Elz   | L o            | 7600             | Allier   |          | 190              |
| Elz   | L p            | 15000            | Allier   |          | 2.500            |
| Draissam  | L p            | 10000            | Allier   |          | 1.667            |
| Wiese   | L a            | 2000             | Allier   |          | 100              |
| Wiese   | L p            | 11000            | Allier   |          | 1.833            |
| <b>Sum</b>  |                | <b>302.000</b>   |  |          | <b>31.210</b>    |
| <b>Germany, Hesse</b>   |                |                  |  |          |                  |
| 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                |
| <b>Sum</b>  |                | <b>25.480</b>    |  |          | <b>30</b>        |
| <b>Germany, Rhineland Palatinate</b>  |                |                  |  |          |                  |
| 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)  |                |                  |  |          |                  |
| Nister (Sieg)   | L p            | 18.130           | KFS  |          | 6                |
| Wisserbach (Sieg)   | L p            | 2.000            | EFH  |          | 6                |
| Heller (Sieg)   |                |                  |  |          |                  |
| Siegssystem gesamt  |                |                  |  |          |                  |
| Nahe  | L p            | 14.500           | EFH  |          | 6                |
| Goldbach (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               |
| <b>Sum</b>  |                | <b>227.990</b>   |  |          | <b>85</b>        |
| <b>Germany, North Rhine Westphalia</b>  |                |                  |  |          |                  |
| Sieg and tributaries  | La             | 257.043          | Sieg-Returners / WLZ, EFH Albaum, Ätran-Gudenu-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              |
| <b>Sum</b>  |                | <b>409.321</b>   |  |          | <b>67.955</b>    |
| <small>           cwt = coded wire tags; a/c = adipose clipping; EFH = parent fish keeping; DCV = Danish Center for Vildlaks; WLZ=Wildlachs Zentrum<br/>           KFS = Monitoring and catching station; L e = salmon spawn; L b = Salmon fry; LO 0 unfed fry; La = fed fry;<br/>           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;<br/>           L 2 = two years old salmon; Mf p = Sea trout parr; k. A. = not specified by deadline         </small> |                |                  |  |          |                  |
| <b>Sum stocking stages</b>  |                | <b>1.687.190</b> |  |          |                  |



| Stocking measures with big salmonids in the Rhine system 2018  |                |                  |   |                |                  |
|--|----------------|------------------|---|----------------|------------------|
| Country/Water body   | Kind and stage | Number           | Stocking Origin   | Marking        | smolt equivalent |
| <b>Switzerland</b>   |                |                  |   |                |                  |
| 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       |                  |
| Hinterer 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       |                  |
| <b>Sum</b>   |                | <b>50.700</b>    |   |                |                  |
| <b>France</b>  |                |                  |   |                |                  |
|  | L0             | 52500            | Rhein   |                | 2625             |
| Rhine (Alt-/Restrhein)   | L0             | 101025           | Allier  |                | 5051             |
|  | La             | 25800            | Rhein   |                | 2580             |
|  | La             | 46102            | Allier  |                | 4610             |
| Doller   | La             | 15.019           | Rhein   |                | 1502             |
|  | La             | 10.394           | Allier  |                | 1039             |
| Thur   | La             | 7.535            | Rhein   |                | 754              |
|  | La             | 7.535            | Allier  |                | 754              |
| Lauch  | La             | 1.600            | Rhein   |                | 160              |
|  | La             | 1.097            | Allier  |                | 110              |
|  | La             | 1.488            | Rhein wild_F1   |                | 149              |
| Fecht and tributaries  | La             | 22.776           | Rhein   |                | 2278             |
|  | 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             |
| Mosel  | Le             | 1.200            | Rhein   |                | 18               |
|  | L0             | 4.400            | Rhein   |                | 220              |
| Blies  | La             | 500              | Rhein   |                | 50               |
| Saar (Moselle system)  | La             | 520              | Rhein   |                | 52               |
| Zorn   | La             | 4.465            | Rhein   |                | 447              |
| <b>Sum</b>   |                | <b>426.962</b>   |   |                | <b>31.797</b>    |
| <b>Luxembourg</b>  |                |                  |   |                |                  |
| Sauer (Moselle)  |                |                  |   |                |                  |
| <b>Sum</b>   |                | <b>0</b>         |   |                | <b>0</b>         |
| <b>Germany, Baden-Württemberg</b>  |                |                  |   |                |                  |
| 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, Wolf, Schiltach   | La             | 30.590           | EFH Rhein   | genetics       | 1.164            |
|  | 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            |
| <b>Sum</b>   |                | <b>243.913</b>   |   |                | <b>23.887</b>    |
| <b>Germany, Hesse</b>  |                |                  |   |                |                  |
| 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            |
| <b>Summe</b>   |                | <b>87.435</b>    |   |                | <b>7.487</b>     |
| <b>Germany, Rhineland Palatinate</b>   |                |                  |   |                |                  |
| 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  |                | <b>60.000</b>    |   |                | <b>11.000</b>    |
| 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            |
| <b>Sum</b>   |                | <b>178.953</b>   |   |                | <b>27.867</b>    |
| <b>Germany, North Rhine Westphalia</b>   |                |                  |   |                |                  |
| Sieg and tributaries   | La             | 464.279          | Sieg-Returners / WLZ, EFH Albaum, Ätran-Gudenua returners / EFH DCV |                | 78.927           |
|  |                | <b>464.279</b>   |   |                | <b>78.927</b>    |
| 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            |
|  |                | <b>245.500</b>   |   |                | <b>45.407</b>    |
| Dhünn and tributaries  | La             | 30.000           | Sieg-Returners / EFH Albaum   |                | 6.594            |
|  |                | <b>30.000</b>    |   |                | <b>6.594</b>     |
| <b>Sum</b>   |                | <b>739.779</b>   |   |                | <b>130.928</b>   |
| <small>cwt = coded wire tags; a/c = adipose clipping; EFH = parent fish keeping; DCV = Danish Center for Vildlaks; WLZ=Wildlachs Zentrum<br/> KFS = Monitoring and catching station; L e = salmon spawn; L b = Salmon fry; L0 0 =unfedded fry; La = feeded fry;<br/> 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;<br/> L 2 = two years old salmon; Mf p = Sea trout parr; k. A. = not specified by deadline</small> |                |                  |   |                |                  |
| <b>Sum stocking stages</b>   |                | <b>1.727.742</b> |   |                |                  |

| Stocking measures with large salmonids in the Rhine system 2019  |                |                  |   |          |                  |
|--|----------------|------------------|---|----------|------------------|
| Country/Water body   | Stocking       |                  |   |          |                  |
|  | Kind and stage | Number           | Origin  | Marking  | smolt equivalent |
| <b>Switzerland</b>   |                |                  |   |          |                  |
| 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 |                  |
| Riehteich  | -              | -                |   |          |                  |
| 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 Harbatswil  | -              | -                |   |          |                  |
| Magdenerbach   | La             | 6000             | Schlupfzeit (3000,PCA 1), (3000, Dachsen 4) / (Loire/Allier)                | genetics |                  |
| Möhlbach   | 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 |                  |
| Sickenwasserkanal 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 |                  |
| <b>Sum</b>   |                | <b>100.800</b>   |   |          |                  |
| <b>France</b>  |                |                  |   |          |                  |
|  | 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              |
| <b>Sum</b>   |                | <b>369.144</b>   |   |          | <b>30.669</b>    |
| <b>Luxembourg</b>  |                |                  |   |          |                  |
| Sauer (Moselle)  |                | 0                |   |          |                  |
| <b>Sum</b>   |                | <b>0</b>         |   |          |                  |
| <b>Germany, Baden-Württemberg</b>  |                |                  |   |          |                  |
| 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, Schiltach   | La             | 64.030           | EFH Rhein   | Genetik  | 2.463            |
|  | 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  |                |                  |   |          |                  |
| <b>Sum</b>   |                | <b>298.758</b>   |   |          | <b>31.962</b>    |
| <b>Germany, Hesse</b>  |                |                  |   |          |                  |
| 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            |
| <b>Summe</b>   |                | <b>43.900</b>    |   | (500 Mf) | <b>7.529</b>     |
| <b>Germany, Rhineland Palatinate</b>   |                |                  |   |          |                  |
| 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  |                |                  |   |          |                  |
| 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  |                | <b>88.501</b>    |   |          | <b>8.825</b>     |
| 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            |
| <b>Sum</b>   |                | <b>311.000</b>   |   |          | <b>27.008</b>    |
| <b>Germany, North Rhine Westphalia</b>   |                |                  |   |          |                  |
| Sieg and tributaries   | L0             | 113.738          | Sieg-Returners / EFH Albaum   |          | 5.687            |
|  | La             | 396.591          | Sieg-Returners / EFH Albaum   |          | 50.889           |
|  | Ls             | 24.417           | Sieg-Returners / EFH Albaum   |          | 6.104            |
| <b>Sum</b>   |                | <b>534.746</b>   |   |          | <b>62.680</b>    |
| Wupper and tributaries   | L0             | 104.850          | Sieg-Returners / EFH Albaum   |          | 5.243            |
|  | La             | 60.000           | Sieg-Returners / EFH Albaum   |          | 9.000            |
|  | La             | 70.000           | EFH Haspe   |          | 10.500           |
|  | La             | 10.000           | Sieg-Returners / EFH Albaum   |          | 1.500            |
| <b>Sum</b>   |                | <b>244.850</b>   |   |          | <b>26.243</b>    |
| Dhünn and tributaries  | La             | 40.900           | Sieg-Returners / EFH Albaum   |          | 6.135            |
| <b>Sum</b>   |                | <b>40.900</b>    |   |          | <b>6.135</b>     |
| <b>Sum</b>   |                | <b>820.496</b>   |   |          | <b>95.058</b>    |
| cwt = coded wire tags; a/c = adipose clipping; EFH = broodstock; DCV = Danish Center for Vildlaks; WLZ = Wildlachs Zentrum; HAT = Haspe Reservoir Salmon Centre; KFS = Monitoring and catching station; L e = salmon fertilized eggs; L b = Salmon fry; L0 0 unfeeder 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 |                |                  |   |          |                  |
| <b>Sum Stocking Stages</b>   |                | <b>1.944.098</b> |   |          |                  |

| Stocking measures with large salmonids in the Rhine system 2020  |                |                  |  |                |                  |
|--|----------------|------------------|--|----------------|------------------|
| Country/Water body   | Kind and stage | Number           | Stocking                               |                |                  |
|  |                |                  | Origin                                 | Marking        | smolt equivalent |
| <b>Switzerland</b>   |                |                  |  |                |                  |
| 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        |                  |
| <b>Sum</b>   |                | <b>127.400</b>   |  |                |                  |
| <b>France</b>  |                |                  |  |                |                  |
| Rhine (Alt-/Restrhein)   | La             | 155500           | Allier                                 |                | 15550            |
| Doller   | La             | 13.013           | Allier                                 |                | 1301             |
| Thur   | La             | 11.555           | Rhine                                  |                | 1156             |
| Lauch  |                |                  |  |                |                  |
| Fecht and tributaries  | S0             | 13.135           | Rhine                                  |                | 657              |
|  | La             | 16.986           | Rhine                                  |                | 1699             |
|  | La             | 2.330            | Rhine, wild (F1)                       |                | 233              |
| Ill  | La             | 3.150            | Rhine                                  |                | 315              |
|  | La             | 13.085           | Allier                                 |                | 1309             |
| Giessen and tributaries  | La             | 14.300           | Rhine                                  |                | 1430             |
|  | S0             | 25.721           | Rhine                                  |                | 1286             |
| Bruche   | La             | 8.970            | Rhine, wild (F1)                       |                | 897              |
|  | La             | 10.900           | Rhine                                  |                | 1090             |
| Mosel  | S0             | 600              | Rhine                                  |                | 9                |
|  | S0             | 5.250            | Rhine                                  |                | 263              |
| Blies  | La             | 500              | Rhine                                  |                | 50               |
| Saar (Moselle system)  | La             | 1.605            | Rhine                                  |                | 161              |
| Zorn   |                |                  |  |                |                  |
| <b>Sum</b>   |                | <b>296.600</b>   |  |                | <b>27.404</b>    |
| <b>Luxembourg</b>  |                |                  |  |                |                  |
| Sauer (Moselle)  |                | 0                |  |                |                  |
| <b>Sum</b>   |                | <b>0</b>         |  |                |                  |
| <b>Germany, Baden-Württemberg</b>  |                |                  |  |                |                  |
| 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  |                |                  |  |                |                  |
| Kinzig with tributaries Erlenbach, Gutach, Wolf, Schiltach   | La             | 32.360           | Allier                                 | genetic        | 1.618            |
|  | La             | 81.545           | EFH Rhine                              | genetic        | 4.077            |
|  | 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  |                |                  |  |                |                  |
| <b>Sum</b>   |                | <b>270.797</b>   |  |                | <b>24.537</b>    |
| <b>Germany, Hesse</b>  |                |                  |  |                |                  |
| Nidda  | Mf p           | 2.500            | Ooste                                  | a/c            | 500              |
| Lahn, Dill, Weil, Elzbach  | L p            | 8.000            | EFH HAT                                |                | 1.600            |
| Lahn, Dill, Weil, Elzbach  |                |                  |  |                |                  |
| Lahnssystem 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            |
| <b>Summe</b>   |                | <b>59.740</b>    |  | (500 Mf)       | <b>7.206</b>     |
| <b>Germany, Rhineland Palatinate</b>   |                |                  |  |                |                  |
| 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)   |                |                  |  |                |                  |
| Nister (Sieg)  | L p            | 40.056           | WLZ                                    |                | 2.000            |
|  | 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   | L p            | 21.875           | Götaälv                                |                | 3.646            |
| Guldenbach (Nahe) & Nahe   | L p            | 34.000           | EFH Obenheim                           |                | 5.667            |
| Speyerbach   | L s            | 1.140            | EFH Obenheim                           | Transponder    | 285              |
| Speyerbach   | L p            | 40.000           | EFH Obenheim                           |                | 6.667            |
| Wieslauter   | L p            | 40.000           | EFH Obenheim                           |                | 6.667            |
| <b>Sum</b>   |                | <b>381.196</b>   |  |                | <b>43.878</b>    |
| <b>Germany, North Rhine Westphalia</b>   |                |                  |  |                |                  |
| Sieg and tributaries   | L0             | 23.135           | Sieg-Rückkehrer / EFH Albaum           |                | 1.157            |
|  | La             | 397.259          | Sieg-Rückkehrer / EFH Albaum           |                | 59.589           |
|  | L1             | 13.481           | Sieg-Rückkehrer / EFH Albaum           |                | 2.696            |
|  | L2             | 110              | Sieg-Rückkehrer / EFH Albaum           | 100 Ind. NEDAP | 28               |
| <b>Sum</b>   |                | <b>433.985</b>   |  |                | <b>63.469</b>    |
| Wupper and tributaries   | L0             | 55.000           | Sieg-Rückkehrer / EFH Albaum           |                | 2.750            |
|  | La             | 90.000           | Sieg-Rückkehrer / EFH Albaum           |                | 13.500           |
|  | 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               |
| <b>Sum</b>   |                | <b>225.102</b>   |  |                | <b>28.265</b>    |
| Dhünn and tributaries  | La             | 26.256           | Sieg-Rückkehrer / EFH Albaum           |                | 3.938            |
| <b>Sum</b>   | La             | 26.256           | Sieg-Rückkehrer / EFH Albaum           |                | 3.938            |
| Lippe and tributaries  |                | <b>10.149</b>    | Sieg-Rückkehrer / EFH Albaum           |                | <b>1.522</b>     |
| <b>Sum</b>   |                | <b>10.149</b>    |  |                | <b>1.522</b>     |
| <b>Sum</b>   |                | <b>695.492</b>   |  |                | <b>1.522</b>     |
| <small>cwt = coded wire tags; a/c = adipose clipping; EFH = broodstock; DCV = Danish Center for Vildlaks; WLZ = Wildlachs Zentrum; HAT = Haspe Reservoir Salmon Centre<br/> KFS = Monitoring and catching station; L e = salmon fertilized eggs; L b = Salmon fry; L 0 = unfeed fry; La = feed fry;<br/> 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;<br/> L 2 = two year old salmon; Mf p = Sea trout parr; k. A. = data not specified by publication deadline</small> |                |                  |  |                |                  |
| <b>Sum Stocking Stages</b>   |                | <b>1.831.225</b> |  |                |                  |

| Stocking measures with large salmonids in the Rhine system 2021  |                      |                                   |  |         |                                 |
|--|----------------------|-----------------------------------|--|---------|---------------------------------|
| Country/Water body   | Kind and stage       | Number                            | Stocking   |         |                                 |
|  |                      |                                   | Origin   | Marking | smolt equivalent                |
| <b>Switzerland</b>   |                      |                                   |  |         |                                 |
| 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 |                                 |
| <b>Sum</b>   |                      | <b>89.750</b>                     |  |         |                                 |
| <b>France</b>  |                      |                                   |  |         |                                 |
| 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                             |
|  | La                   | 7.400                             | Rhine wild - F1  |         | 1233                            |
| Giessen and tributaries  | La                   | 12.950                            | Rhine  |         | 324                             |
|  | L0                   | 24.790                            | Allier   |         | 620                             |
| Bruche   | La                   | 25.910                            | Rhine  |         | 648                             |
|  | L0                   | 6.500                             | Rhine  |         | 163                             |
| Mosel  |                      |                                   |  |         |                                 |
| Blies  | La                   | 500                               | Rhine  |         | 83                              |
| Saar (Moselle system)  | La                   | 2.000                             | Rhine  |         | 50                              |
| Zorn   |                      |                                   |  |         |                                 |
| <b>Sum</b>   |                      | <b>271.533</b>                    |  |         | <b>18.372</b>                   |
| <b>Luxembourg</b>  |                      |                                   |  |         |                                 |
| Sauer (Moselle)  |                      |                                   |  |         |                                 |
| <b>Sum</b>   |                      |                                   |  |         |                                 |
| <b>Germany, Baden-Württemberg</b>  |                      |                                   |  |         |                                 |
| Alb  | Lp                   | 3.000                             |  |         | 500                             |
| Murg   | Lp                   | 77.500                            |  |         | 12.900                          |
| Murg   |                      |                                   |  |         |                                 |
| Oos, Oosbach   |                      |                                   |  |         |                                 |
| Rench  |                      |                                   |  |         |                                 |
| Rench  |                      |                                   |  |         |                                 |
| Kinzig with tributaries Erlenbach, Gutach, Wolf, Schiltach   | Lp<br>Le             | 112.400<br>15.000                 |  |         | 19.000                          |
| Elz  | Lp                   | 5.000                             |  |         | 800                             |
| Dreisam  |                      |                                   |  |         |                                 |
| Wiese  | Lp                   | 1.000                             |  |         | 200                             |
| Wiese  |                      |                                   |  |         |                                 |
| <b>Sum</b>   |                      | <b>213.900</b>                    |  |         | <b>33.400</b>                   |
| <b>Germany, Hesse</b>  |                      |                                   |  |         |                                 |
| 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                           |
| <b>Summe</b>   |                      | <b>55.945</b>                     |  |         | <b>9.708</b>                    |
| <b>Germany, Rhineland Palatinate</b>   |                      |                                   |  |         |                                 |
| 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                           |
| <b>Sum</b>   |                      | <b>344.646</b>                    |  |         | <b>46.211</b>                   |
| <b>Germany, North Rhine Westphalia</b>   |                      |                                   |  |         |                                 |
| Sieg and tributaries   | L0<br>La<br>L2       | 58.351<br>460.544<br>65           | Sieg-Returners / EFH Albaum<br>Sieg-Returners / EFH Albaum<br>Sieg-Returners / EFH Albaum              |         | 2.918<br>69.082<br>16           |
| <b>Sum</b>   |                      | <b>518.960</b>                    |  |         | <b>72.015</b>                   |
| Wupper and tributaries   | L0<br>La<br>La<br>L2 | 200.000<br>92.358<br>10.000<br>60 | Sieg-Returners / EFH Albaum<br>Sieg-Returners / EFH Albaum<br>EFH Haspe<br>Sieg-Returners / EFH Albaum |         | 10.000<br>13.854<br>1.500<br>15 |
| <b>Sum</b>   |                      | <b>302.418</b>                    |  |         | <b>25.369</b>                   |
| Dhünn and tributaries  | La                   | 15.000                            | Sieg-Returners / EFH Albaum  |         | 2.250                           |
| <b>Sum</b>   |                      | 15.000                            |  |         | 2.250                           |
| Lippe and tributaries  | La                   | 25.031                            | Sieg-Returners / EFH Albaum  |         | 3.755                           |
| <b>Sum</b>   |                      | <b>25.031</b>                     |  |         | <b>3.755</b>                    |
| <b>Sum</b>   |                      | <b>861.409</b>                    |  |         | <b>103.389</b>                  |
| cwt = coded wire tags; a/c = adipose clipping; EFH = broodstock; DCV = Danish Center for Vildlaks; WLZ = Wildlachs Zentrum; 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 |                      |                                   |  |         |                                 |
| <b>Sum Stocking Stages</b>   |                      | <b>1.837.183</b>                  |  |         |                                 |

| Stocking measures with large salmonids in the Rhine system 2022  |                |                  |                              |             |                  |
|--|----------------|------------------|------------------------------|-------------|------------------|
| Country/Water body   | Stocking       |                  |                              |             |                  |
|  | Kind and stage | Number           | Origin                       | Marking     | smolt equivalent |
| <b>Switzerland</b>   |                |                  |                              |             |                  |
| 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   |                  |
| <b>Sum</b>   |                | <b>147.400</b>   |                              |             |                  |
| <b>France</b>  |                |                  |                              |             |                  |
| Rhine (Alt-/Restrhein)   | S0             | 51.288           | Allier                       |             | 2.564            |
|  | Sn             | 49.051           | Allier                       |             | 4.905            |
| Doller   | S0             | 9.275            | Rhin                         |             | 464              |
|  | Sn             | 9.812            | Rhin                         |             | 981              |
| Thur   |                |                  |                              |             | -                |
| Lauch  |                |                  |                              |             | -                |
| Fecht and tributaries  | S0             | 15.824           | Rhin                         |             | 791              |
|  | 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              |
| Bruche   | S0             | 33.075           | Rhin                         |             | 1.654            |
|  | Sn             | 38.731           | Rhin                         |             | 3.873            |
| Mosel  | S0             | 5.427            | Rhin                         |             | 271              |
| Blies  |                |                  |                              |             | -                |
| Saar (Moselle system)  |                |                  |                              |             | -                |
| Zorn   |                |                  |                              |             | -                |
| <b>Sum</b>   |                | <b>257.329</b>   |                              |             | <b>19.988</b>    |
| <b>Luxembourg</b>  |                |                  |                              |             |                  |
| Sauer (Moselle)  |                |                  |                              |             |                  |
| <b>Sum</b>   |                |                  |                              |             |                  |
| <b>Germany, Baden-Württemberg</b>  |                |                  |                              |             |                  |
| 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              |
| Kinzig with tributaries Erlenbach, Gutach,   | L0             | 35.100           | Rhein                        | genetisch   | 878              |
| Wolf, Schiltach  | La             | 41.600           | Rhein                        | genetisch   | 2.080            |
|  | 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  |                |                  |                              |             |                  |
| <b>Sum</b>   |                | <b>311.500</b>   |                              |             | <b>37.600</b>    |
| <b>Germany, Hesse</b>  |                |                  |                              |             |                  |
| Nidda  | Mf p           | 0                |                              |             |                  |
| Lahn, Dill, Weil, Elzbach  | L p            | 8.000            | EFH HAT                      |             | 1.600            |
| Lahn, Dill, Weil, Elzbach  |                |                  |                              |             |                  |
| Lahnssystem 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            |
| <b>Summe</b>   |                | <b>49.000</b>    |                              |             | <b>8.432</b>     |
| <b>Germany, Rhineland Palatinate</b>   |                |                  |                              |             |                  |
| 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                      |             | 17.662           |
| Sieg system total  |                |                  |                              |             |                  |
| 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            |
| <b>Sum</b>   |                | <b>347.493</b>   |                              |             | <b>48.007</b>    |
| <b>Germany, North Rhine Westphalia</b>   |                |                  |                              |             |                  |
| Sieg and tributaries   | L0             | 66.639           | Sieg-Rückkehrer / EFH Albaum |             | 3.332            |
|  | La             | 464.712          | Sieg-Rückkehrer / EFH Albaum |             | 69.707           |
| <b>Sum</b>   |                | <b>531.351</b>   |                              |             | <b>73.039</b>    |
| Wupper and tributaries   | L0             | 348.000          | Sieg-Rückkehrer / EFH Albaum |             | 17.400           |
|  | La             | 100.214          | Sieg-Rückkehrer / EFH Albaum |             | 15.032           |
| <b>Sum</b>   |                | <b>448.214</b>   |                              |             | <b>32.432</b>    |
| Dhünn and tributaries  | La             | 19.230           | Sieg-Rückkehrer / EFH Albaum |             | 2.885            |
| <b>Sum</b>   |                | <b>19.230</b>    |                              |             | <b>2.885</b>     |
| Lippe and tributaries  |                | -                |                              |             | -                |
| <b>Sum</b>   |                | <b>-</b>         |                              |             | <b>-</b>         |
| <b>Sum</b>   |                | <b>998.795</b>   |                              |             | <b>108.355</b>   |
| cwt = coded wire tags; a/c = adipose clipping; EFH = broodstock; DCV = Danish Center for Vildlaks; WLZ = Wildlachs Zentrum; HAT = Haspe Reservoir Salmon Centre;<br>KFS = Monitoring and catching station; L e = salmon fertilized eggs; L b = Salmon fry; L0 0 unfed fry; La = feed fry;<br>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;<br>L 2 = two year old salmon; Mf p = Sea trout parr; - k. A. = data not specified by publication deadline |                |                  |                              |             |                  |
| <b>Sum Stocking Stages</b>   |                | <b>2.111.517</b> |                              |             | <b>222.383</b>   |

| Stocking measures with large salmonids in the Rhine system 2023  |                |                  |                              |                   |                  |
|--|----------------|------------------|------------------------------|-------------------|------------------|
| Country/Water body   | Stocking       |                  |                              |                   |                  |
|  | Kind and stage | Number           | Origin                       | Marking           | smolt equivalent |
| <b>Switzerland</b>   |                |                  |                              |                   |                  |
| Wiese  | L0             | 6000             |                              |                   |                  |
| Wiese  | La             | 15000            |                              |                   |                  |
| Rhein  | La             | 3000             |                              |                   |                  |
| Birs   | L0             | 2000             |                              |                   |                  |
| Arisdörferbach   | Le             | 4000             |                              |                   |                  |
| Hinterer Frenke  | L0             | 2000             |                              |                   |                  |
| Ergolz   | L0             | 7000             |                              |                   |                  |
| Magdenerbach   |                | 0                |                              |                   |                  |
| Möhlinbach   | L0             | 7822             |                              |                   |                  |
| Etzgerbach   | L0             | 3000             |                              |                   |                  |
| Sickerwasserkanal Klingnau   | L0             | 2000             |                              |                   |                  |
| Surb   | L0             | 3000             |                              |                   |                  |
| Bünz   | L0             | 2000             |                              |                   |                  |
| Wigger   |                |                  |                              |                   |                  |
| Flaacherbach   |                |                  |                              |                   |                  |
| Wintersingerbach   |                |                  |                              |                   |                  |
| Buuserbach   |                |                  |                              |                   |                  |
| <b>Sum</b>   |                | <b>56.822</b>    |                              |                   |                  |
| <b>France</b>  |                |                  |                              |                   | <b>TAUX ASR</b>  |
| Rhein (Alt-/Restrhein)   | L0             | 26.717           | Allier                       |                   | 1.336            |
|  | La             | 39.571           | Allier                       |                   | 3.957            |
|  | L0             | 11.777           | Allier                       |                   | 589              |
| Doller   | La             | 9.969            | Allier                       |                   | 997              |
| Thur   |                |                  |                              |                   |                  |
| Lauch  |                |                  |                              |                   |                  |
| Fecht und Zuflüsse   | L0             | 10.449           | Rhein                        |                   | 522              |
|  | La             | 19.540           | Rhein                        |                   | 1.954            |
| Ill  |                |                  |                              |                   |                  |
| Giessen und Zuflüsse   | La             | 10.000           | Rhein wild - F1              |                   | 1.000            |
| Bruche   | L0             | 34.695           | Rhein                        |                   | 1.735            |
|  | La             | 24.623           | Rhein                        |                   | 2.462            |
| Mosel  |                |                  |                              |                   |                  |
| Blies  |                |                  |                              |                   |                  |
| Saar (Moselsystem)   |                |                  |                              |                   |                  |
| Zorn   |                |                  |                              |                   |                  |
| <b>Sum</b>   |                | <b>187.341</b>   |                              |                   | <b>14.552</b>    |
| <b>Luxembourg</b>  |                |                  |                              |                   |                  |
| Sauer (Moselle)  |                |                  |                              |                   |                  |
| <b>Sum</b>   |                |                  |                              |                   |                  |
| <b>Germany, Baden-Württemberg</b>  |                |                  |                              |                   |                  |
| Alb  | L p            | 30.000           | Rhein + Allier               | genetisch (Rhein) | 5.000            |
| Murg   | L p            | 97.030           | Rhein + Allier               | genetisch (Rhein) | 16.172           |
| Oos, Oosbach   |                |                  |                              |                   |                  |
| Rench  | La             | 10.050           | Allier                       |                   | 503              |
| Rench  |                |                  |                              |                   |                  |
|  | L0             | 14.050           | Rhein                        | genetisch         | 351              |
|  | La             | 12.640           | Rhein                        | genetisch         | 632              |
| Kinzig mit Zuflüssen Erlenbach, Gutach, Wolf, Schiltach  | La             | 6.000            | Allier                       |                   | 300              |
|  | L p            | 65.885           | Rhein + Allier               | genetisch (Rhein) | 10.981           |
| Elz  | L p            | 8.430            | Allier                       |                   | 1.405            |
| Dreisam  | La             | 6.000            | Allier                       |                   | 300              |
| Wiese  | L p            | 16.100           | Allier                       |                   | 2.683            |
| Wiese  |                |                  |                              |                   |                  |
| <b>Sum</b>   |                | <b>266.185</b>   |                              |                   | <b>38.327</b>    |
| <b>Germany, Hesse</b>  |                |                  |                              |                   |                  |
| Nidda  | Mf s           | 3.000            | Øster Ørs Fiskese            | -                 | 750              |
| Lahn, Dill, Weil, Elbbach  | Lp             | 2.752            | EFH HAT                      | -                 | 459              |
| Lahn, Dill, Weil, Elbbach  |                |                  |                              |                   |                  |
| Lahnsystem gesamt  |                |                  |                              |                   |                  |
| Kinzig (Main)  | La             | 833              | EFH HAT                      | -                 | 42               |
| Schwarzbach (Main)   | La             | 18.125           | EFH HAT                      | -                 | 906              |
| Weschnitz  |                |                  |                              |                   |                  |
| Wisper   | La             | 27.083           | EFH HAT                      | -                 | 1.354            |
| <b>Sum</b>   |                | <b>48.793</b>    |                              |                   | <b>2.761</b>     |
| <b>Germany, Rhineland Palatinate</b>   |                |                  |                              |                   |                  |
| Ahr  | Ls             | 12.000           | EFH HAT                      | a/c               | 3.000            |
| Ahr  | La             | 73.000           | EFH HAT                      | -                 | 3.650            |
| Lahn, Mühlbach   |                |                  |                              |                   |                  |
| Mosel, Elzbach   | La             | 10.000           | EFH HAT                      | -                 | 500              |
| Mosel, Elzbach   | Ls             | 1.000            | EFH HAT                      | a/c               | 250              |
| Nette  | Ls/Lp          | 3.750            | EFH HAT                      | -                 | 938              |
| Saynbach   |                |                  |                              |                   |                  |
| Saynbachsystem gesamt  |                |                  |                              |                   |                  |
| Nister, Kleine Nister (Sieg)   | Lp             | 11.000           | EFH Albaum (WLZ NRW)         | -                 | 1.833            |
| Nister, Kleine Nister (Sieg)   | La             | 30.000           | KFS Sieg & EFH HAT           | -                 | 1.500            |
| Nister (Sieg)  | Lp             | 20.265           | EFH Albaum (WLZ NRW)         | -                 | 3.378            |
| Nister (Sieg)  | Ls             | 1.000            | KFS Sieg & EFH HAT           | a/c               | 250              |
| Wisserbach (Sieg)  |                |                  |                              |                   |                  |
| Heller, Daade, Asdorf (Sieg)   | La             | 2.000            | KFS Sieg & EFH HAT           | -                 | 100              |
| Sieg   |                |                  |                              |                   |                  |
| Sieg   |                |                  |                              |                   |                  |
| Siegssystem gesamt   |                |                  |                              |                   |                  |
| Nahe   |                |                  |                              |                   |                  |
| Guldenbach (Nahe) & Nahe   | La             | 28.000           | EFH HAT                      | -                 | 1.400            |
| Speyerbach   |                |                  |                              |                   |                  |
| Speyerbach   | Lp             | 48.000           | Obenheim (F)                 | -                 | 8.000            |
| Wieslauter   | Lp             | 49.100           | Obenheim (F)                 | -                 | 8.183            |
| <b>Sum</b>   |                | <b>289.115</b>   |                              |                   | <b>32.982</b>    |
| <b>Germany, North Rhine Westphalia</b>   |                |                  |                              |                   |                  |
| Sieg and tributaries   | L0             | 22.195           | Sieg-Rückkehrer / EFH Albaum |                   | 555              |
|  | La             | 141.054          | Sieg-Rückkehrer / EFH Albaum |                   | 7.053            |
|  | Lp             | 230.035          | Sieg-Rückkehrer / EFH Albaum |                   | 38.416           |
| <b>Sum</b>   |                | <b>393.284</b>   |                              |                   | <b>46.023</b>    |
| Wupper and tributaries   | L0             | 109.000          | Sieg-Rückkehrer / EFH Albaum |                   | 2.725            |
|  | Lp             | 70.115           | Sieg-Rückkehrer / EFH Albaum |                   | 11.709           |
| <b>Sum</b>   |                | <b>179.115</b>   |                              |                   | <b>14.434</b>    |
| Dhünn and tributaries  | Lp             | 9.489            | Sieg-Rückkehrer / EFH Albaum |                   | 1.585            |
| <b>Sum</b>   |                | <b>9.489</b>     |                              |                   | <b>1.585</b>     |
| Lippe and tributaries  |                |                  |                              |                   |                  |
| <b>Sum</b>   |                |                  |                              |                   |                  |
| <b>Sum</b>   |                | <b>581.888</b>   |                              |                   | <b>62.042</b>    |
| cwt = coded wire tags; a/c = adipose clipping; EFH = broodstock; DCV = Danish Center for Vildlaks; WLZ = Wildlachs Zentrum; HAT = Haspe Reservoir Salmon Centre;<br>KFS = Monitoring and catching station; L e = salmon fertilized eggs; L b = Salmon fry; L0 0 unfed fry; La = feed fry;<br>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;<br>L 2 = two year old salmon; Mf p = Sea trout parr; k. A. = data not specified by publication deadline |                |                  |                              |                   |                  |
| <b>Sum Stocking Stages</b>   |                | <b>1.430.144</b> |                              |                   | <b>150.663</b>   |