**Table S1: Occupational Injury Illness Classification System (OIICS) and International Classification of Disease (ICD) codes used to identify suspected cases in the Washington State Fund databases**

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| **CLASSIFICATION SYSTEM** |
| **OIICS** | **Code - Description** |
|  Event or exposure | 321 – Exposure to environmental heat |
|  Nature | 072X - Effects of Heat and Light1 |
|  Source | 9362 – Heat - environmental |
|  | 9392 - Sun |
|  |  |
| **ICD - 9** | **Code - Description** |
|  | 276.0 – Hyperosmolality and hypernatremia |
|  | 276.5X – Volume depletion1 |
|  | 584 – Acute renal failure |
|  | 584.9 – Acute renal failure, unspecified |
|  | 705.1 – Prickly heat |
|  | 992.X – Effects of heat and light1 |
|  |  |
| **ICD - 10** | **Code - Description** |
|  | E86.X – Volume depletion1 |
|  | T67.X – Effects of heat and light1 |
|  | T73.2X – Exhaustion due to exposure1 |
|  | W92.X - Exposure to excessive heat of man-made origin1 |
|  | X30.X – Exposure to excessive natural heat1 |
|  | Z57.6 – Occupational exposure to extreme temperature |

1 Code with X denote additional specific codes, e.g. 072X will include 0721 – Heat stroke, 0722 – Heat syncope.