# Appendix C –Numerator and denominator definitions for each outcome combination reported in the methods

(1-9 also follow the same number of Figure 2 in the main text)

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| **Numerator** | **Denominator** |
| 1. Hand rubbed/washed, avoided hand recontamination, donned gloves, avoided glove recontamination
 | All opportunities |
| 78 | 781 |
| 1. Hand rubbed/washed, avoided hand recontamination, donned gloves, and did **not** avoid glove recontamination
 | All opportunities |
| 58 | 781 |
| 1. Hand rubbed/washed, avoided recontamination and did **not** donned gloves
 | All opportunities |
| 5 | 781 |
| 1. Hand rubbed/washed, did **not** avoid recontamination, donned gloves and avoided glove recontamination
 |  |
| 35 | 781 |
| 1. Hand rubbed/washed, did **not** hand avoid recontamination and did **not** don gloves
 | All opportunities |
| 4 | 781 |
| 1. Hand rubbed/washed, did **not** avoid hand recontamination, donned gloves and did **not** avoid glove recontamination
 | All opportunities |
| 21 | 781 |
| 1. Did **not** hand rubbed/washed, donned gloves, and avoided glove recontamination
 | All opportunities |
| 194 | 781 |
| 1. Did **not** hand rubbed/washed, donned gloves, and did **not** avoided glove recontamination
 | All opportunities |
| 115 | 781 |
| 1. Did **not** perform either hand washing or glove donning
 | All opportunities |
| 280 | 781 |
| 1. Gloves donned from a previous procedure
 | All opportunities where hand washing and gloves donning were not done  |
| 154 | 280 |
| 1. Gloves donned but a new deliberate activity that indicated a new opportunity was undertaken
 | All opportunities where hand washing and gloves donning were not done  |
| 43 | 280 |
| 1. Gloves were worn in layers in a previous procedure, the outer layer was discarded for the procedure of interest
 | All opportunities where hand washing and gloves donning were not done  |
| 34 | 280 |
| 1. Bare hands
 | All opportunities where hand washing and gloves donning were not done  |
| 41 | 280 |
| 1. Did not avoid glove or hand recontamination or both (after either washing/rubbing or glove donning)
 | All opportunities where washing/rubbing or donning gloves was done  |
| 227 | 501 |
| 1. Hand rubbing/washing
 | All opportunities |
| 192 | 781 |
| 1. Avoiding hand recontamination
 | All opportunities where hand washing/rubbing was performed |
| 132 | 192 |
| 1. Donning at least one glove
 | All opportunities |
| 492 | 781 |
| 1. Avoiding glove recontamination
 | All opportunities where gloves were donned |
| 304 | 492 |