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| **Pathogen** | **Meta-analysis group** | **Retrieved Name** | **Justification** |
| Coliform | Total Coliform | Total Coliform  Coliform | These were the only two names used. Names were kept separate because fecal coliform is more specific than total coliform. |
| Fecal Coliform | Fecal Coliform  Thermotolerant Coliform |
| Escherichia coli | EHEC (enterohemorrhagic E. coli) | *Shiga toxin/Verotoxin*  *stx1*  *stx2*  *eae*  *ehxA*  *HlyA*  *O157:H7*  *O26*  *O45*  *O103*  *O111*  *O121*  *O145*  *O91*  *Intimin*  *Paa*  *ToxB*  *Efa-1/LifA*  *LPF - Long polar fimbriae*  *Saa*  *OmpA*  *EspP*  *Cif - Cycle-inhibiting factor*  *EspF, H*  *Map*  *Tir*  *Stce*  *Ehx* | Groups are based on Santos et al. 2020, Robins-Browne et al., 2016,  Palanianppan et al., 2006, Kaper et al, 2004. Strains were categories gy their diarrhetic type first followed by human externa, and animal types. |
| EAEC (enteroaggregative E. coli) | *EaggEC - enteroaggregative E. coli*  *pAA*  *aggregative adhesion (fimbriae*  *aggR*  *aatA*  *aaiC*  *astA*  *pet*  *Dispersin*  *Pic* |
| EPEC (enteropathogenic E. coli) | *LEE - pathogenicity island (PAI)*  *eae*  *bfp*  *EspB, C, F, H*  *BFP - bundle-forming pilus*  *Absence of stx and maybe bfp genes.*  *Intimin*  *BFP - Bundle forming pilius*  *Paa*  *LPF - Long polar fimbriae*  *Cif - Cycle-inhibiting factor*  *Map*  *Tir*  *cdtB*  *exhA*  *O86* |
| Escherichia coli | Escherichia coli  *Escherichia coli spp.* |
| ETEC (enterotoxigenic E. coli) | *ST (enterotoxin)*  *Sta*  *STb*  *ST1*  *LT (enterotoxin)*  *LT1*  *elt (gene LT)*  *est (gene ST)*  *CFAs* |
| ExPEC (extraintestinal pathogenic E. coli) | *pap (P fimbriae)*  *sfa (S fimbriae)*  *afa/dra (AFA-Dr adhesion)*  *iuc/iut (aerobactin)*  *kpsMTII (capsular group II)*  *cdtB*  *cnf1*  *cvaC*  *hlyA* |
| STEC(Shiga toxin-producing E. coli) | *Shiga toxin-producing E. coli* |
| Enterococci | Enterococci | Fecal Streptococci  Enterococci | The taxonomy of Enterococci and Streptococci has changed multiple times over the past century. Streptococci methods at 6.5% sodium chloride (NaCl), or 45 ± 0.5 °C were assumed to be Enterococci since Streptococci do not grow well at high temperatures and in salt mediums. Since Enterococci is a more recent name it was assumed that Enterococci could not be Streptococci.  Chern et al. 2022 |
| Enterococcus cecorum | Enterococcus cecorum |
| Enterococcus faecalis | Enterococcus faecalis |
| Salmonella | Salmonella | Salmonella  Salmonella spp. | Salmonella was categorized as Salmonella, Salmonella enterica non typoid, and typhoid. All strains and serotypes were categorized based on https://lifemap-ncbi.univ-lyon1.fr/. All strains with Typhimurium were assumed to be typhoid and all strains with out Typhimurium were considered non-typhoid. |
| Salmonella enterica (non-typhoid) | enterica | data |
| Salmonella enterica (typhoid) | Typhimurium |  |
| Cryptosporidium | Cryptosporidium | Cryptosporidium  Cryptosporidium sp.  Cryptosporidium spp. | Cryptosporidium was classified based on the dose response models that were available on the QRMA Wiki, muris, hominis, parvum, ubiquitum.  All other Cryptosporidium were lumped into (genotype) since they did not have a standardized strain name and the name in the article was not referenced in a taxonomic database. |
| Cryptosporidium muris | Cryptosporidium muris |
| Cryptosporidium hominis | Cryptosporidium hominis |
| Cryptosporidium parvum | Cryptosporidium parvum |
| Cryptosporidium ubiquitum | Cryptosporidium ubiquitum |
| Cryptosporidium (genotype) | All others |
| Giardia | Giardia | Giardia  Giardia sp.  Giardia spp. | In the systematic review there were few Giardia strains mentioned and all of them were in the QMRA wiki. |
| Giardia lamblia | Giardia lamblia |
| Giardia duodenalis | Giardia duodenalis |
| Campylobacter | Campylobacter | Campylobacter  Campylobacter sp.  Campylobacter spp.  Or grouped multiple types | There was not a good way to group campylobacter. When campylobacter were grouped from multiple species it was assumed that it was general campylobacter.  Camplobacter genetic strains were categorized as adhesin or virulence strains.  Campylobacter lardis and NARTC were renamed lari (von Graevenitz 1990)  All other campylobacter strains were kept seperate.  data |
| Campylobacter (adhesin) | fla  cadF |
| Campylobacter (virulence) | cdt |
| Campylobacter coli | Campylobacter coli |
| Campylobacter fetus | Campylobacter fetus |
| Campylobacter helveticus | Campylobacter helveticus |
| Campylobacter hyointestinalis | Campylobacter hyointestinalis |
| Campylobacter jejuni | Campylobacter jejuni  Campylobacter fetus subsp. jejuni |
| Campylobacter lari | Campylobacter lari  Camplyobacter NARTC (nalidixic acid-resistant thermophilic campylobacters)  Campylobacter lardis |
| Campylobacter sputorum | Campylobacter sputorum |
| Campylobacter upsaliensis | Campylobacter upsaliensis |