Appendix IV: Characteristics of Sample

# Table 1

This table summarizes characteristics of the study records exported from ClinicalTrials.gov on June 6, 2022, which were used for the study. A subset of the data is also shown containing characteristics of study records that had a completed status.

|  |  |  |
| --- | --- | --- |
| **CTG Records' Characteristics** | | |
| **Status (N=206)** | | |
| Recruiting | 96 | (47%) |
| Completed | 42 | (20%) |
| Active, not recruiting | 40 | (19%) |
| Not yet recruiting | 14 | (7%) |
| Enrolling by invitation | 9 | (4%) |
| Terminated | 3 | (1%) |
| Suspended | 2 | (1%) |
| **Study Type (N=206)** | | |
| Interventional | 110 | (53%) |
| Observational | 96 | (47%) |
| **Phases of Interventional Trials (N=110)** | | |
| Not Applicable | 54 | (49%) |
| Phase 1 | 0 | (0%) |
| Phase 1|Phase 2 | 2 | (2%) |
| Phase 2 | 18 | (16%) |
| Phase 2|Phase 3 | 5 | (5%) |
| Phase 3 | 26 | (24%) |
| Phase 4 | 5 | (5%) |
| **Characteristics of Completed Trials** | | |
| **Study Type (N=42)** | | |
| Interventional | 23 | (55%) |
| Observational | 19 | (45%) |
| **Phases of Interventional Trials (N=23)** | | |
| Not Applicable | 8 | (35%) |
| Phase 1 | 0 | (0%) |
| Phase 1|Phase 2 | 0 | (0%) |
| Phase 2 | 5 | (22%) |
| Phase 2|Phase 3 | 0 | (0%) |
| Phase 3 | 10 | (43%) |
| Phase 4 | 0 | (0%) |

# Figure 1

This bar chart shows the ClinicalTrials.gov (CTG) records by start year. "Completed Status" refers to records marked as "Completed" in CTG. "Incomplete Status" refers to all other study status types (i.e., all records *not* marked as "Completed"). Most records had a start date between 2020 and 2021.

Bar chart of CTG records by start year (N=206).

2011: 1 incomplete
2012: 0 records
2013: 0 records
2014: 0 records
2015: 1 incomplete
2016: 0 records
2017: 0 records
2018: 0 records
2019: 5 incomplete, 1 completed
2020: 60 incomplete, 35 completed
2021: 67 incomplete, 6 completed
2022: 30 incomplete

# Figure 2

The bar chart below shows the number of CTG records with an incomplete status (i.e., records *not* marked as "Completed") that did or didn't share enough information to request access to IPD by start year. Records were classified as having shared enough information to request access to IPD if they shared *both* a mechanism by which they planned to share IPD with unaffiliated researchers (i.e., via email or data sharing platform) and at least one email address or the name of the data sharing platform, where applicable. Only 11% of records provided enough information to request access to IPD. The majority of these had start dates of 2021 and 2022.

Bar chart of incomplete CTG records sharing information to access IPD (N=164) by start year. 

2011: 1 record did not provide enough information to request access to IPD.

2012 through 2014 had no records.

2015: 1 record did not provide enough information to request access to IPD.

2016 through 2018 had no records.

2019: 4 records didn't provide enough information to request access to IPD, 1 record did.

2020: 59 records didn't provide enough information to request access to IPD, 1 record did.

2021: 57 record didn't provide enough information to request access to IPD, 10 records did. 

2022: 24 records didn't provide enough information to request access to IPD, 6 records did.

# Figure 3

The bar chart below shows the number of CTG records marked as "Completed" that did or didn't share enough information to request access to IPD by start year. Records were classified as having shared enough information to request access to IPD if they shared *both* a mechanism by which they planned to share IPD with unaffiliated researchers (i.e., via email or data sharing platform) and at least one email address or the name of the data sharing platform, where applicable. Only 17% provided enough information to request access to IPD, with the majority of these records having a start date of 2020.

Bar chart of completed CTG records sharing information to access IPD (N=42) by start year. 

2011 through 2018 had no records. 

2019: 1 record did not have enough information to request access to IPD

2020: 29 records did not have enough information to request access to IPD, 6 records did.

2021: 5 records did not have enough information to request access to IPD, 1 record did.

2022 had no records.

# Figure 4

The bar chart below shows the number of incomplete CTG records (i.e., all records *not* marked as "Completed" in their status) that linked out to at least 1 results publication by start year. Most records did not link out to a results publication, and those that did mostly had a 2020 or 2021 start date.

Bar chart of incomplete CTG records linking to results publications (N=164). 

2011: 1 record with no results publications linked

2012 through 2014: No records

2015: 1 record with a results publication linked. 

2016 through 2018: No records

2019: 5 records with no results publications linked

2020: 41 records with no publication records linked, 19 with publication records linked

2021: 63 records with no publication records linked, 4 with publication records linked

2022: 29 with no publication records linked, 1 with a publication record linked.

# Figure 5

The bar chart below shows the number of CTG records marked as "Completed" that did or did not link to at least 1 results publication by start year. A little less than half of the records linked to results publication records, with the ones that did having a start date of 2020.

Bar chart of completed CTG records linking to results publications (N=42). 

2011 through 2018 had 0 CTG records, so no publications were linked.

2019: 1 CTG record with no results publications linked.

2020: 17 records with no results publications linked, 18 with results publications linked

2021: 6 records with no results publications linked.