1. Isaiah Caanan and Corey Brewer are duplicated in ESPN player boxscores in 2019

* These bad rows have been removed from nba.player\_boxscores

2. ESPN team stats are a mess in 2018

* As a workaround, bad 2018 team boxscore stats were replaced with aggregated player boxscore stats in nba.team\_boxscores. Note that this slightly undercounts stats which can be credited to a team (like rebounds and turnovers). Some possession or team turnover-based statistics like net rating and player usage rate are slightly underrated in aggregated stats tables as a result

3. 2010-2012 turnovers in team stats are inaccurate

* For these seasons, turnovers in team boxscores were replaced with aggregated turnovers from player boxscores. Same caveats apply as above.

4. Some box scores not populated in early years, particularly with preseason games against foreign opponents. The bad\_gameids table references which Game IDs are missing from the database

5. Technical free throws exist in ESPN shot charts

* These rows are not removed from nba.shot\_charts, but note that when using this table it may be appropriate to filter them out

6. Shot chart coordinates are unofficial, and pulled from the ESPN shot chart graphic

* Note that when aggregating shot chart data by distance it will not match statistics on basketball-reference

7. Some shots missing from shot chart/pbp (ex: in Game ID 400828404, shot chart shows Steven Adams 4-4 but box score says 5-6)

* Given bullets 5-7, I would recommend treating nba.shot\_charts as directionally accurate but not exactly precise

8. Team is NULL in some early play-by-play rows. This is due to the scraper breaking down with old teams like NJN who don’t have a logo.