```
select * from (
    select
    x.transfer_type_name,
    count(*) ii_count,
    (sum(bases) / 1000000000) as gigabases,
    x.internal_status,
    x.external_status,
    x.has_archive_id,
    x.ii_status
        from (
            select
                (case
                    when disk_archive_id is null then 0
                    when disk_archive_id is not null then 1 end) as has_archive_id,
                iiri.seq_id,
                iiri.status as ii_status,
                iiri.bases,
                dt.internal_status,
                dt.external_status,
                dtt.transfer_type_name
            from (
                select ii.seq_id, ii.status, ii.disk_archive_id,
                ( select sum(ri.read_length * ii.filt_clusters)
                    from read_illumina ri
                    where ri.ii_seq_id = ii.seq_id ) bases
                from index_illumina ii
            ) iiri
            join data_transfer_sequence_product@oltp dtsp
                on iiri.seq_id = dtsp.seq_id
            join data_transfer@oltp dt
                on dtsp.data_transfer_id = dt.data_transfer_id
            join data_transfer_type@oltp dtt
                on dtt.data_transfer_type_id = dt.data_transfer_type_id
        ) x

    group by
        x.transfer_type_name,
        x.internal_status,
        x.external_status,
        x.has_archive_id,
        x.ii_status
) y
order by
    y.transfer_type_name,
    y.ii_count,
    y.internal_status,
    y.external_status,
    y.ii_status
```