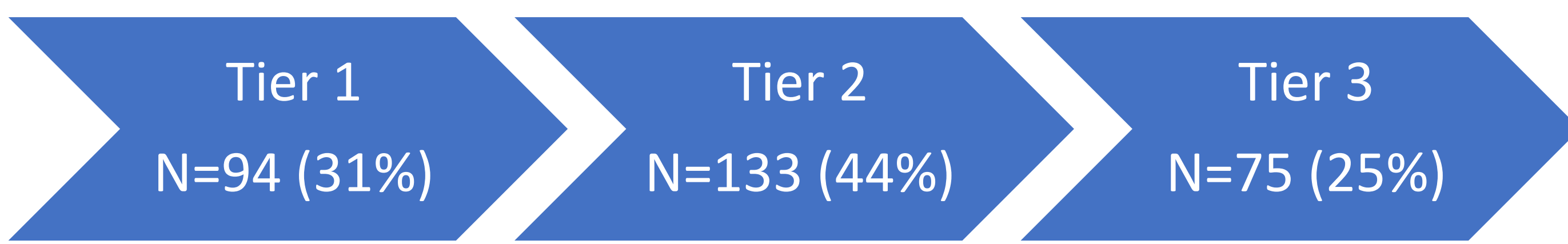


Background

- Pharmacy education adapts to healthcare needs, undergoing frequent assessments and curriculum updates to reflect changing patient care models, advancements in pharmaceutical sciences, and evolving pharmacist roles.¹
- The 2019 American College of Clinical Pharmacy (ACCP) Pharmacotherapy Didactic Curriculum Toolkit aids educators in enhancing pharmacy education quality through evidence-based strategies and tools, encompassing curriculum development.
- The ACCP Toolkit contains a comprehensive list of 302 diseases and content topics, divided into three tiers.
 - Tier 1 covers essential pre-graduation topic
 - Tier 2 involves potential post-graduation competencies.
 - Tier 3 pertains to skills obtainable in professional practice but not necessarily in the curriculum.



Objective

To evaluate the inclusion of topics from the 2019 ACCP Pharmacotherapy Didactic Curriculum Toolkit in the Doctor of Pharmacy therapeutics curriculum at Temple University School of Pharmacy (TUSP).

Methods

- The disease state topics suggested in the ACCP Toolkit were compared to the content covered in required and elective courses for the 2022-2023 school year.
 - Pathophysiology and Therapeutics courses at TUSP are organized by organ systems.
- Syllabi were obtained from the courses; topics covered were identified and categorized as Tier 1, Tier 2, or Tier 3 per the Toolkit.
- Topics were also labeled with the amount of time (in hours) dedicated to each.
- Any missing topic areas were subsequently investigated by reaching out to the Course Coordinator.
- An analysis of the number of topics covered based on their respective tiers and the associated hours in the curriculum was performed using Excel.

Results

Total number of therapeutic topics in TUSP PharmD Curriculum=130

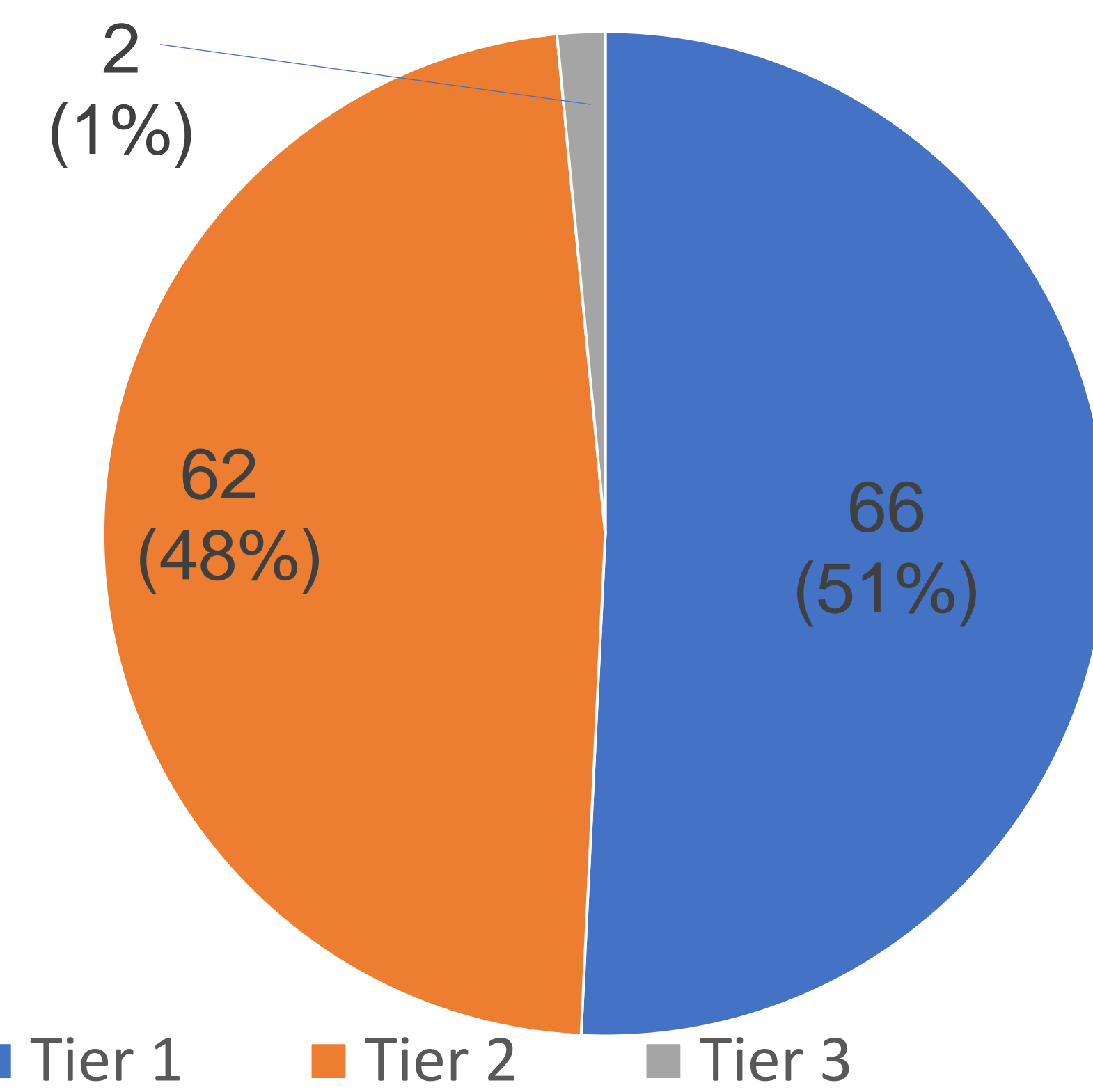


Figure 1. Percentage of Tier 1-3 Topics Covered in Didactic Curriculum

Total number of therapeutic hours in TUSP PharmD Curriculum= 338.5

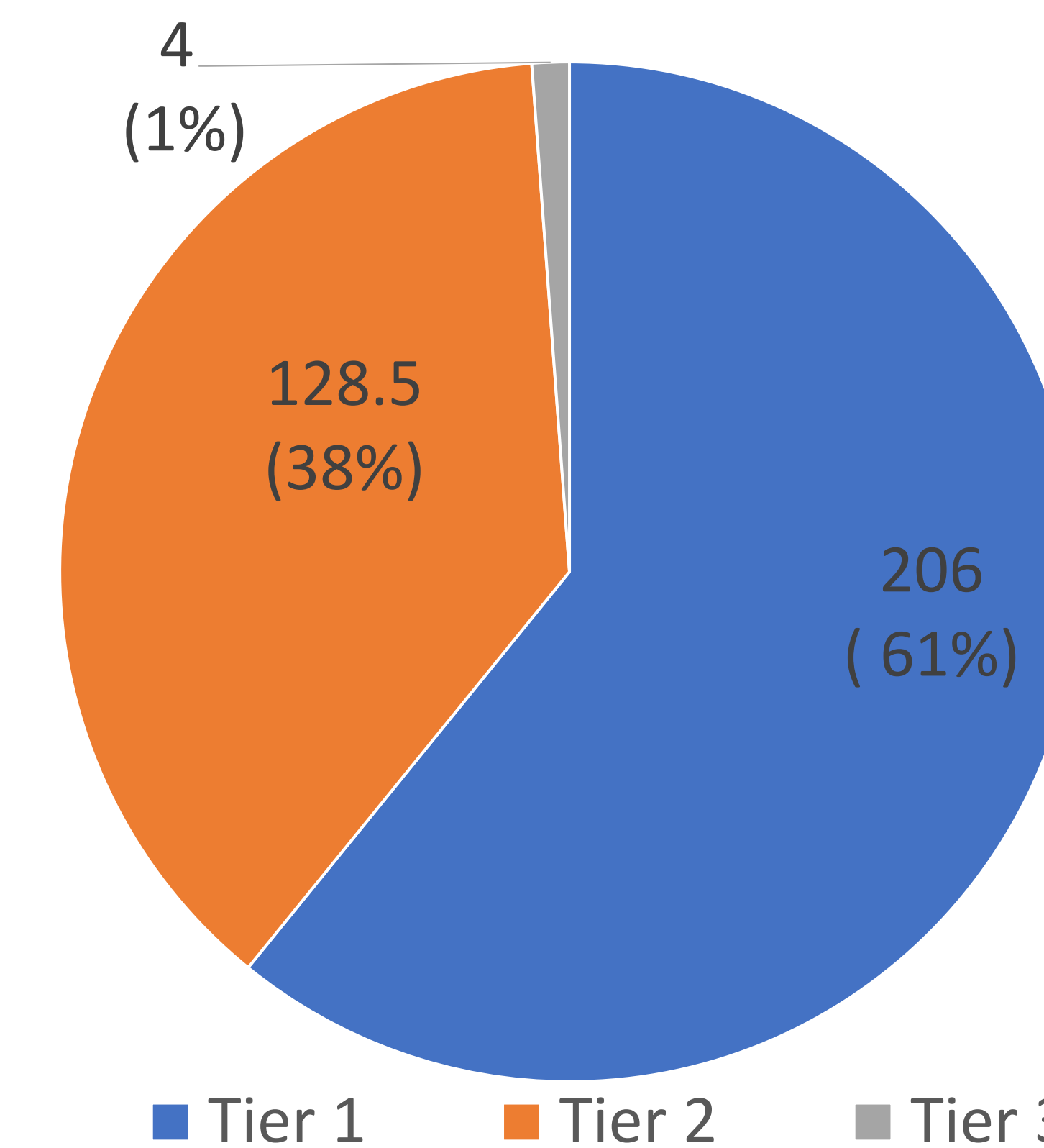


Figure 2. Percentage of Hours By Tier in the Clinical Therapeutics Modules

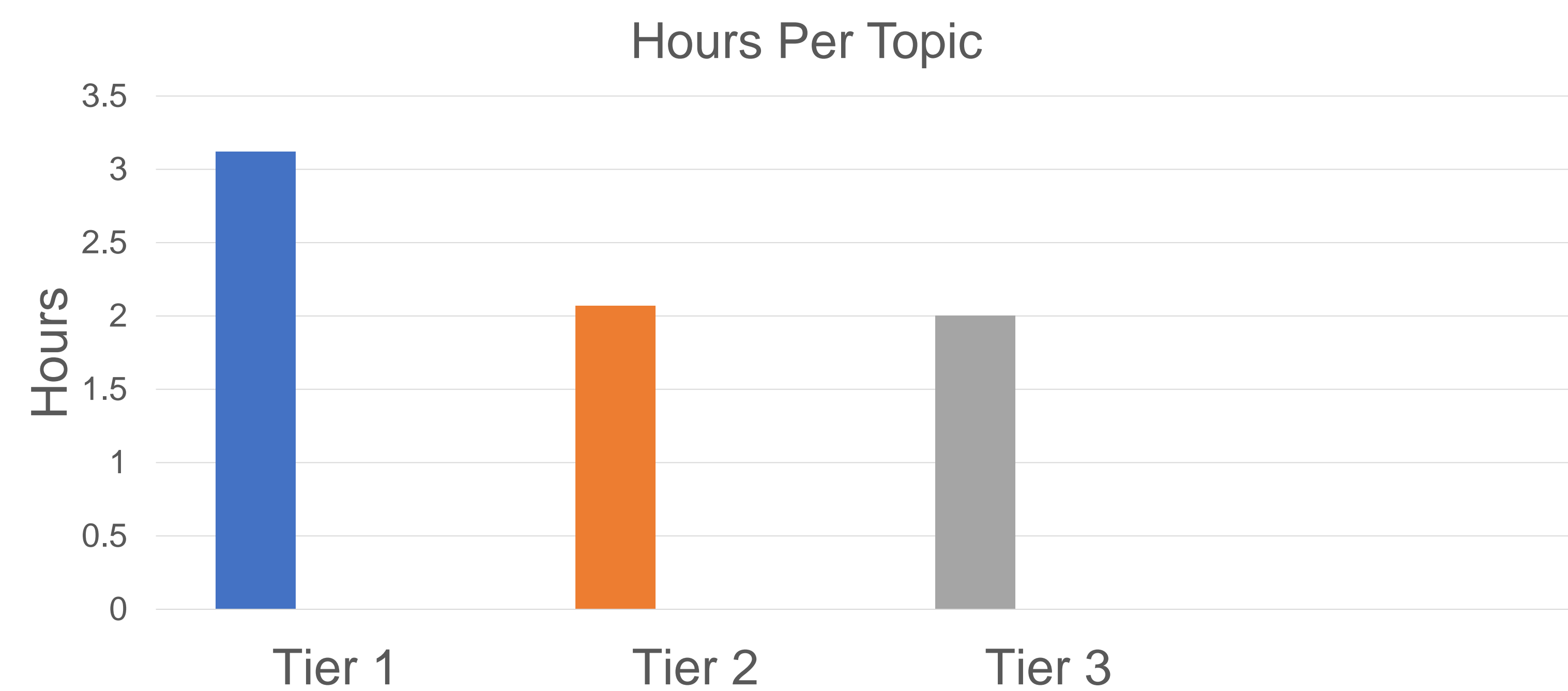


Figure 3. Hours Spent on Average Based on Tier

Tiers	PY1 Topics	PY1 Hours	PY2 Topics	PY2 Hours	PY3 Topics	PY3 Hours
Tier 1	2/2 (100%)	6/338.5 (1.77%)	35/130 (26.92%)	116/338.5 (34.27%)	24/130 (18.46%)	72/338.5 (21.27%)
Tier 2	0/2 (0%)	0/338.5 (0%)	15/130 (11.53%)	33/338.5 (0.097%)	40/130 (30.77%)	81.5/338.5 (24.08%)
Tier 3	0/2 (0%)	0/338.5 (0%)	1/130 (0.77%)	2/338.5 (0.06%)	0/130 (0%)	0/338.5 (0%)

Table 1. Breakdown of Topics/Hours By Professional Year

Results

Topics Not Covered By Tier

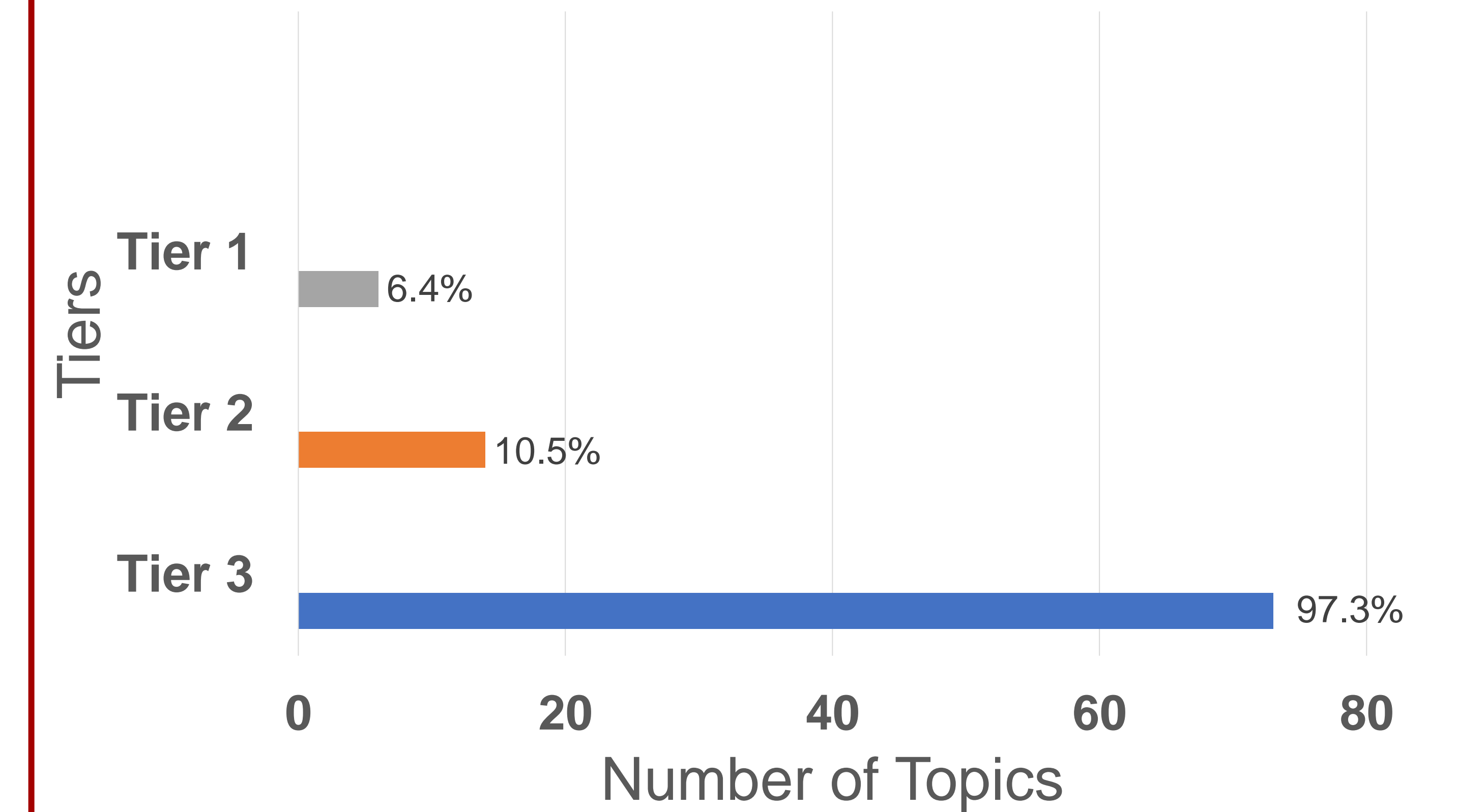


Figure 4. Topics not covered in Curriculum

Conclusion

- Assessment of TUSP therapeutics curriculum using ACCP Didactic Curriculum Toolkit:
 - Tier 1 topics: 93.6% inclusion
 - Tier 2 topics: 89.5% inclusion
 - Tier 3 topics: 2.7% inclusion (Mostly not included)
- A substantial portion of the curriculum is allocated to Tier 1 topics, comprising just under two-thirds (61%) of the total instructional hours.
- Recommendation for unaddressed Tier 3 topics:
 - Consideration for learning during Advanced Pharmacy Practice Experiences (APPEs) or residency training.
- Overall alignment with ACCP recommendations for appropriate inclusion of topics based on their Tier and instructional hours in the curriculum.

References

- Flannery AH, Soric MM, Benavides S, Bobbitt LJ, et al. 2019 Update to the American College of Clinical Pharmacy Pharmacotherapy didactic curriculum toolkit. *J Am Coll Clin Pharm.* 2020; 3(2): 455-464.

Disclosures

There are no relevant conflicts for this poster.