

Executive Summary

Objective

 The aim is to analyze the profit trends from 2011- 2015 and to identify the routes, dosage types, drugs, states, market segments that have impacted the profit trends. Further, the aim is to notice a pattern within the data and its causes.

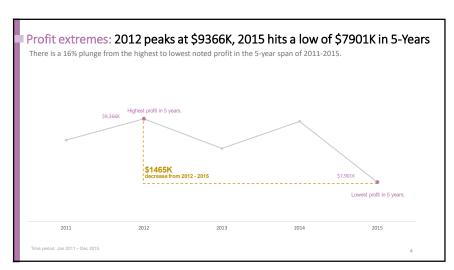
Summary

- Gross Profit reduced by 16% in 2015 to \$7,901K (lowest) from \$9,366K (highest) in 2012.
- "Cream" contributes the most (35%) to overall gross profit (\$44,133K), however, witnessed a 38% decrease in profit since 2011.
- "Animal" market segment is the top (59%) contributor to the overall gross profit from 2011 to 2015.
 - In 2015, drug 6 and drug 7 contributes to the dip (45%) of gross profit since 2014 for 'Cream' dosage type in the 'Animal' segment.
- "Iv(Infusion)" and "Delayed Release" route emerge as the top 2 (50.5%) contributors to overall gross profit from 2011-2015.
- North Carolina is the top profit generating state in 2015.
 - "Delayed Release" route generates highest profits in 2015 (\$629K) with a spike of 96% since 2014 (\$321K) and "lv(Infusion)" witnessed a decline in profit from \$144K in 2011 to \$92K in 2015
 - . "Drug 6" (\$576K) accounts for 68.4% of the profit in 2015 in North Carolina.

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Recommendations

- Investigate the "Cream" dosage type to understand the dip in 2015 due to "Drug 6" and "Drug 7" within the "Animal" market.
 Develop strategies to mitigate this decline. Explore if change in marketing strategy for "Drug 6" can revive the profitability.
- Assess where "Drug 7" is in its product lifecycle. If it's in the decline stage and no strategies can revive its profitability, discontinuation may be a valid option under "Cream" dosage type of "Animal" segment.
- Maximize profitability in the "Animal" market segment, as it is the top contributor to overall gross profit. Explore opportunities for replication of strategies for "Human-Rx" that worked for "Animal" segment.
- Consider segmenting the "Animal" market further to identify sub-markets with growth potential. Tailor marketing and product strategies to address the unique needs of these sub-markets.
- · Consider increasing marketing and sales efforts of "Drug 6" in North Carolina, which accounts for 68.4% of profits in 2015.
- Monitor the "Delayed Release" route in North Carolina, which showed a significant profit spike in 2015. Evaluate the sustainability of this trend and develop strategies to maintain or enhance profits.
- Collaborate with hospitals, clinics, and medical facilities to broaden your reach, increasing sales and profitability in the "Iv (Infusion)" route in North Carolina.
- "Iv (Infusion)" has a higher overall gross profit than "Delayed Release" route. Analyze pricing strategy for "Delayed release" and adjust pricing if necessary to better align with market dynamics.



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