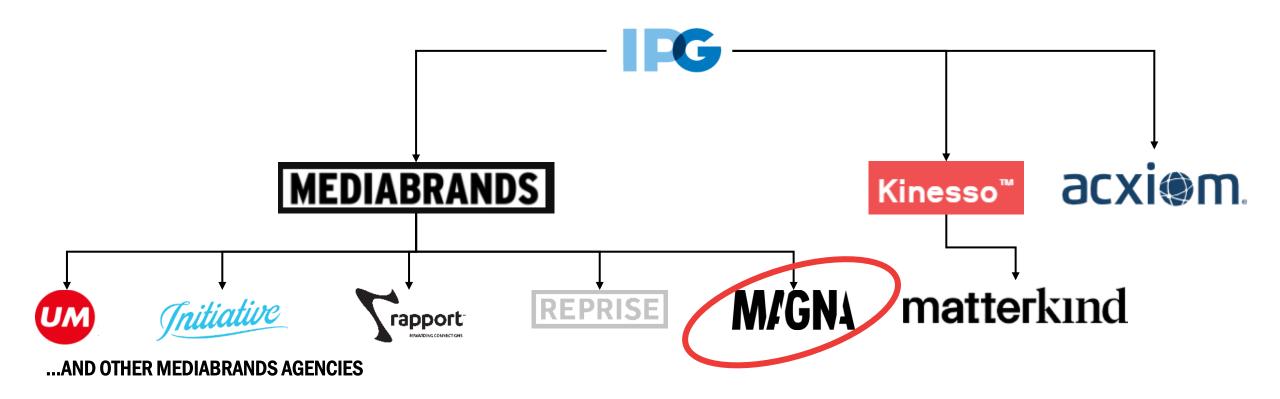


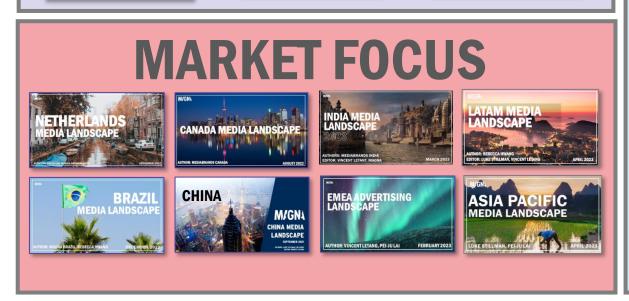
ABOUT MAGNA: THE INVESTMENT & RESEARCH HUB OF IPG MEDIABRANDS



MAGNA: MEDIA/ADVERTISING MARKET INTELLIGENCE









MAGNA AD FORECAST - SPRING UPDATE

KEY FINDINGS

2022: AD SPEND SLOWED DOWN FURTHER IN 4Q22 (FLAT YOY)

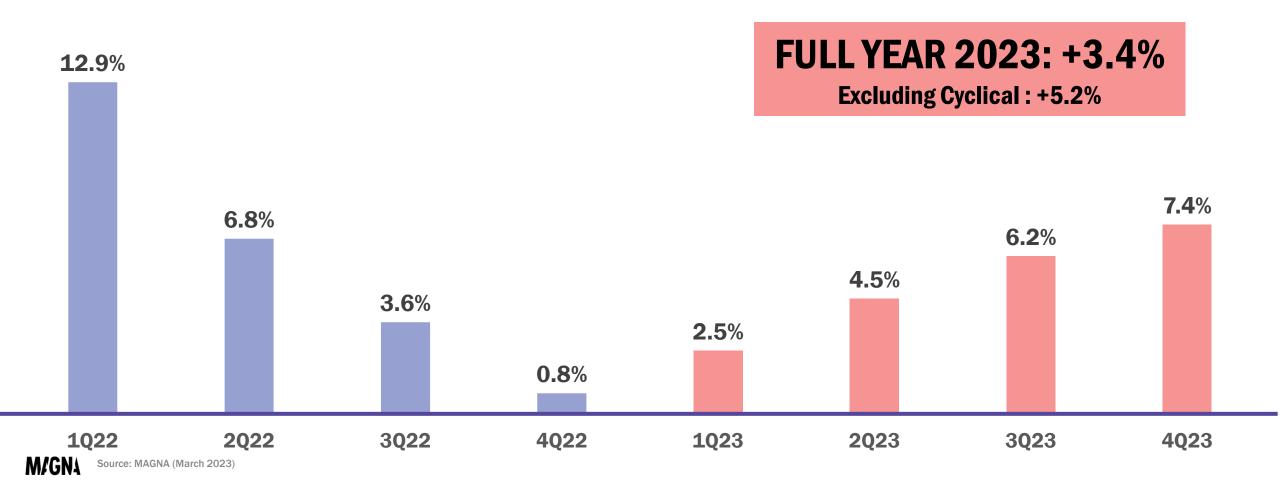
MACRO OUTLOOK STABILIZED BUT UNCERTAINTY IS HIGH

2023: AD SALES +3.4% TO \$326BN

DIGITAL KEEPS GROWING (+9%) - LINEAR SHRINKS (-4%)

MAGNA AD FORECAST - SPRING UPDATE RECOVERY IN SECOND HALF

QUARTERLY ADVERTISING SALES: YOY GROWTH (ALL MEDIA, EXCL. CYCLICAL)



MAGNA AD FORECAST - SPRING UPDATE

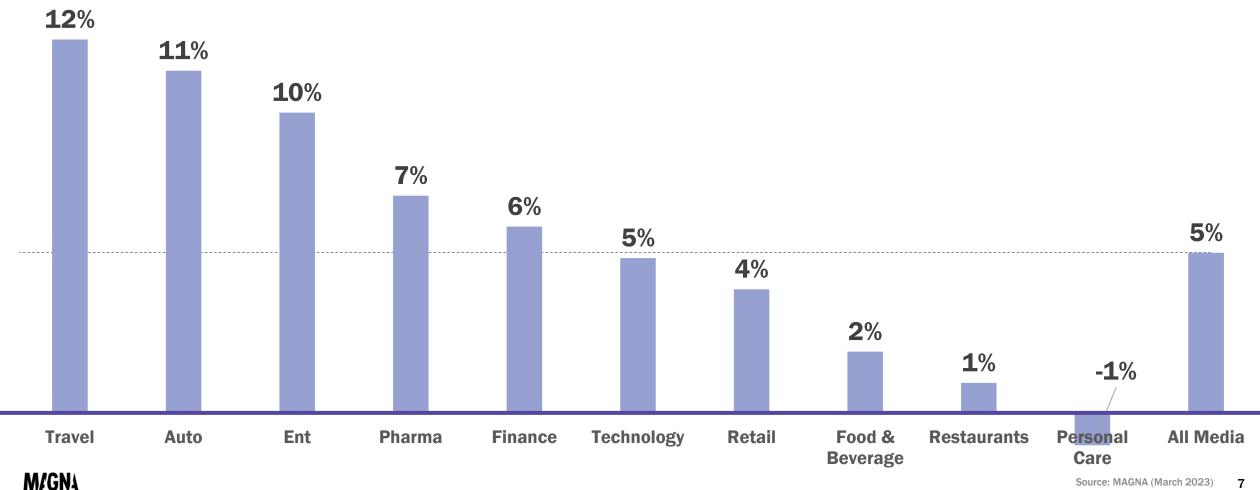
AD SPENDING DRIVERS AT A GLANCE

	2021	2022	2023	2024
ECONOMIC CYCLE		—	—	
ORGANIC GROWTH FACTORS MEDIA INNOVATION: RETAIL MEDIA, AVOD		1		
CYCLICAL EVENTS	1		<u></u>	1

OVERALL ADVERTISING SPENDING Excl. cyclical	+28.7	+5.7	+5.2	+5.5
Incl. cyclical	+25.5	+7.2	+3.4	+7.8

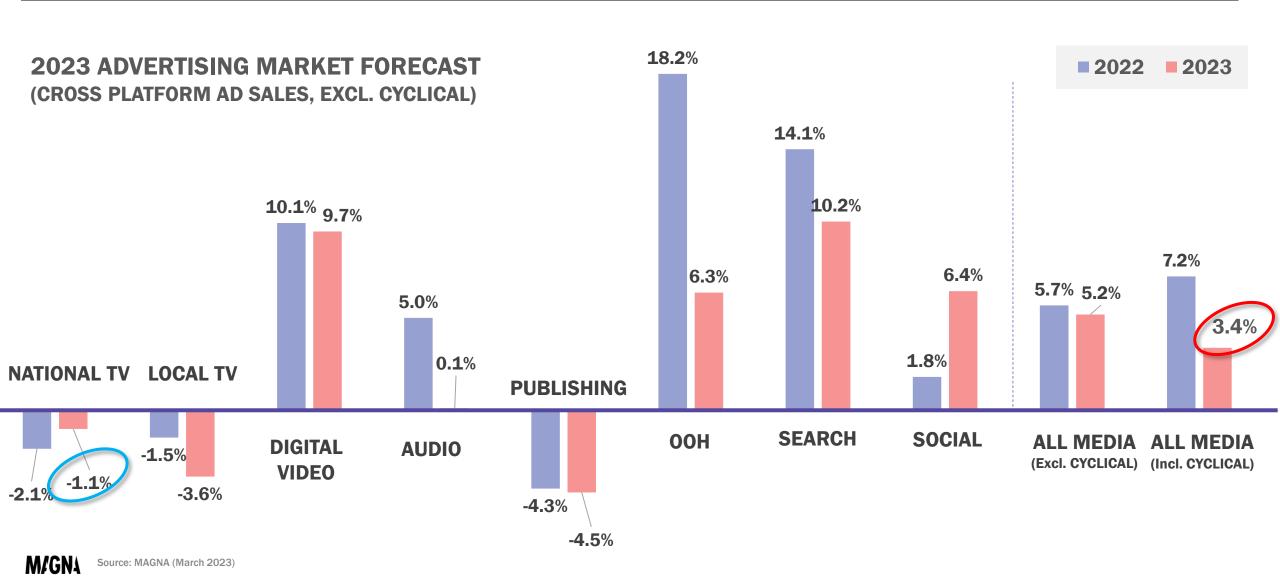
MAGNA AD FORECAST – SPRING UPDATE TRAVEL, AUTO AND ENTERTAINMENT WILL DRIVE SPENDING IN 2023

2023 ALL MEDIA INDUSTRY FORECAST



MAGNA AD FORECAST – SPRING UPDATE

2023 GROWTH BY MEDIA: SEARCH MATURES, SOCIAL RECOVERS



MAGNA AD FORECAST – SPRING UPDATE

LONG-TERM: AD MARKET TO RE-ACCELERATE IN '24

