Chart Collection for Morning Briefing

Yardeni Research, Inc.

May 17, 2023

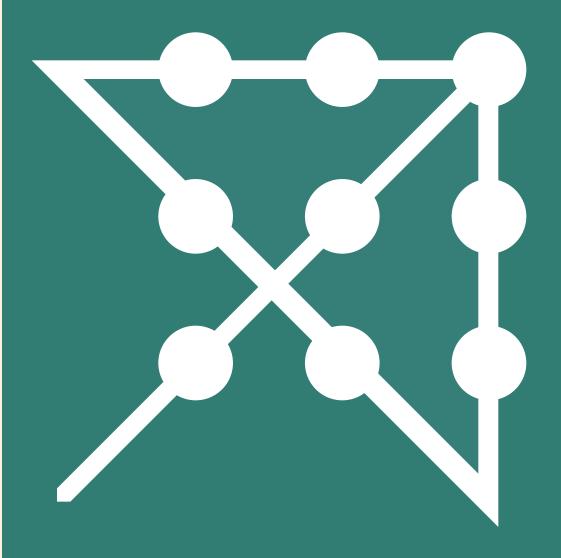
Dr. Edward Yardeni

516-972-7683 eyardeni@yardeni.com

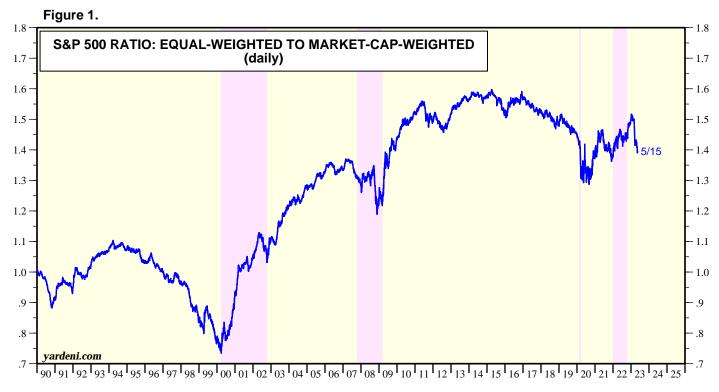
Mali Quintana

480-664-1333 aquintana@yardeni.com

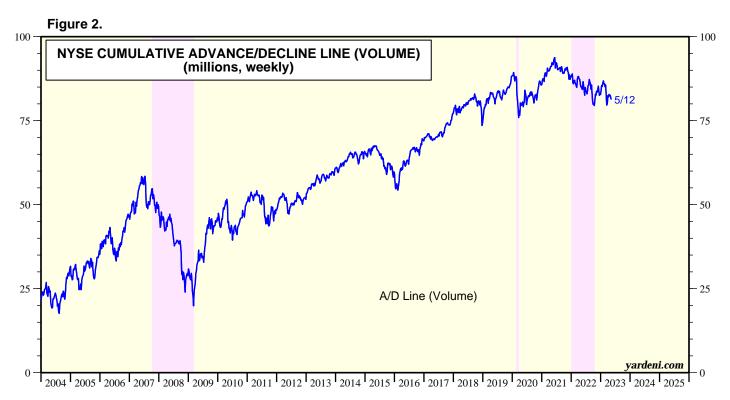
Please visit our sites at www.yardeni.com blog.yardeni.com



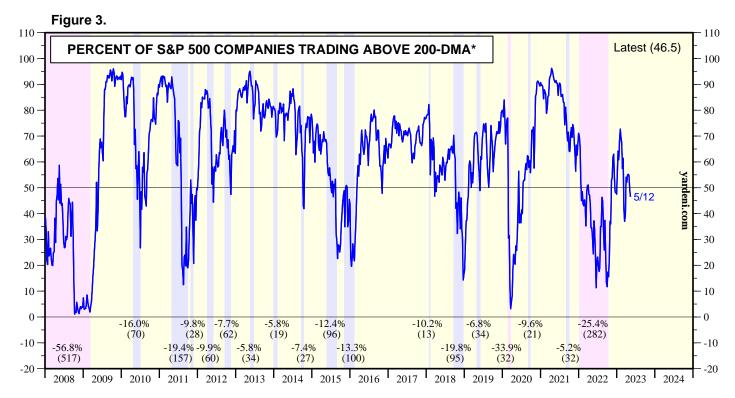
thinking outside the box



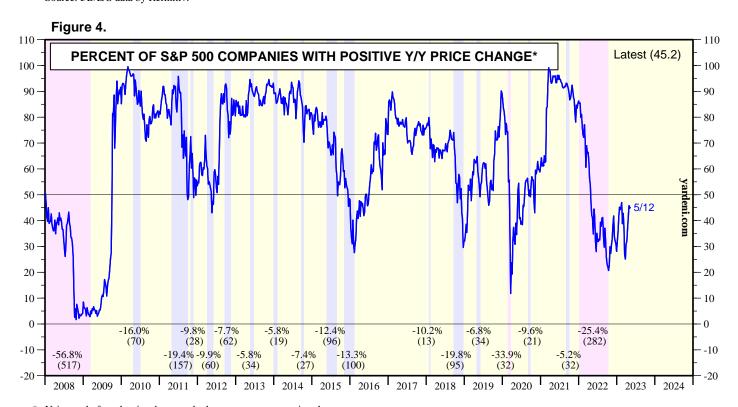
Note: Shaded red areas are \$P 500 bear market declines of 20% or more. Yellow areas are bull markets. Source: Haver Analytics and Standard & Poor's.



Note: Shaded red areas are S&P~500 bear market declines of 20% or more. Yellow areas are bull markets. Source: The Wall Street Journal.



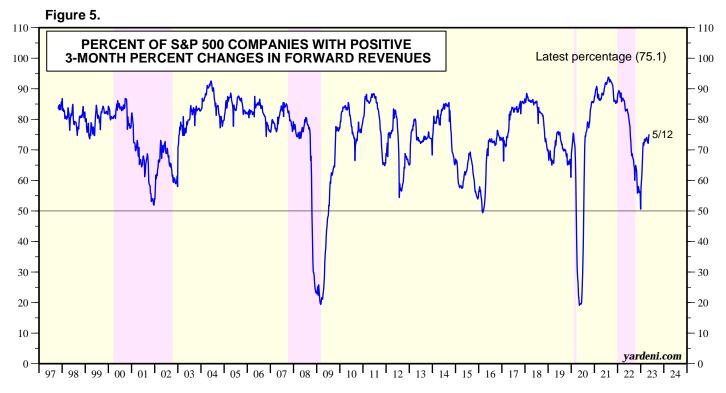
Using end of week price data to calculate equivalent 10-wma and 40-wma to approximate their 50-dma and 200-dma. Note: Corrections are declines of 10% or more, while minor ones are 5%-10% (all in blues shades). Bear markets are declines of 20% or more (in red shades). Number of calendar days in parentheses. Source: I/B/E/S data by Refinitiv.



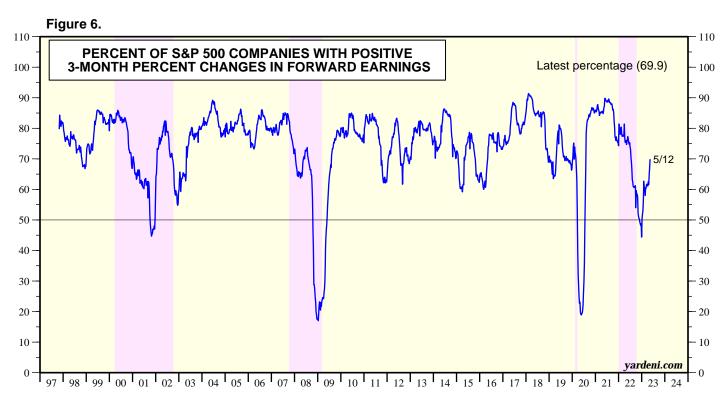
^{*} Using end of week price data to calculate year-over-year price change.

Note: Corrections are declines of 10% or more, while minor ones are 5%-10% (all in blue shades). Bear markets are declines of 20% or more (in red shades). Number of calendar days in parentheses.

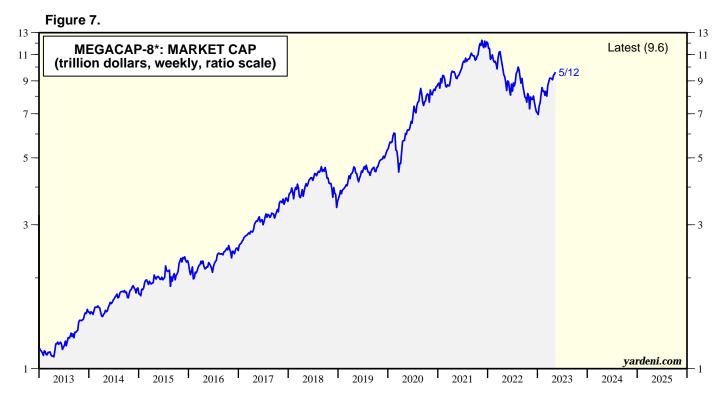
Source: I/B/E/S data by Refinitiv.



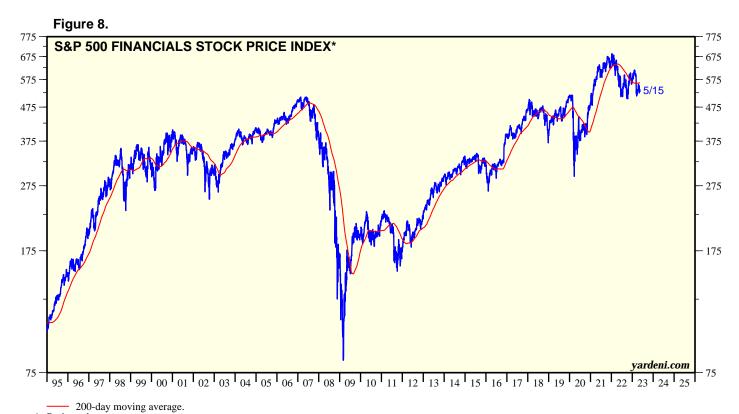
Note: Shaded red areas are S&P 500 bear market declines of 20% or more. Yellow areas are bull markets. Source: Haver Analytics, I/B/E/S data by Refinitiv, and Standard & Poor's.



Note: Shaded red areas are S&P 500 bear market declines of 20% or more. Yellow areas are bull markets. Source: Haver Analytics, I/B/E/S data by Refinitiv, and Standard & Poor's.

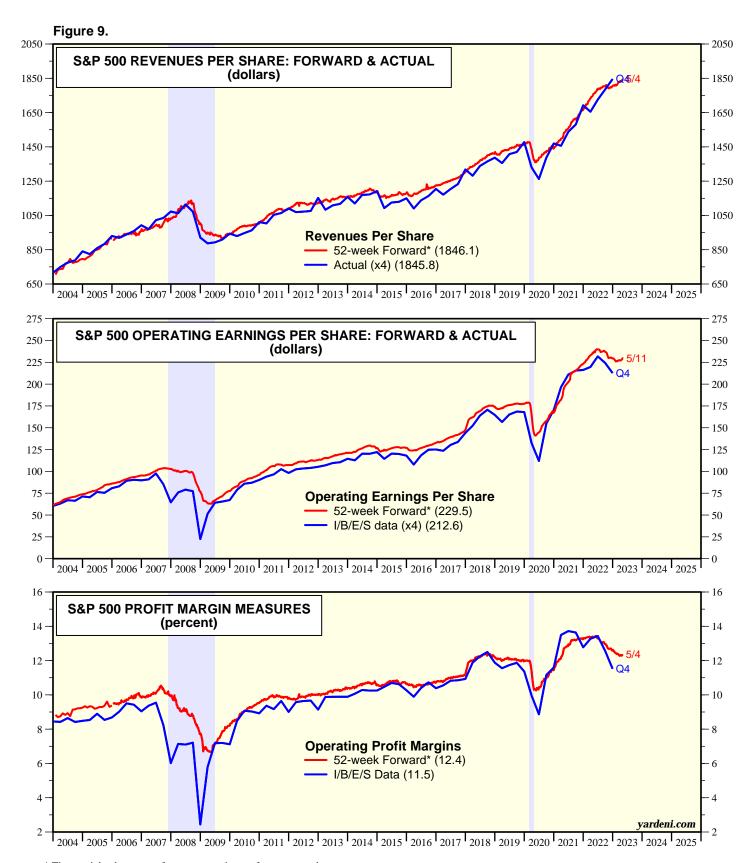


^{*} MegaCap-8 stocks include Alphabet, Amazon, Apple, Meta, Microsoft, Netflix, NVIDIA, and Tesla. Both classes of Alphabet are included. Source: Standard & Poor's and I/B/E/S data by Refinitiv.

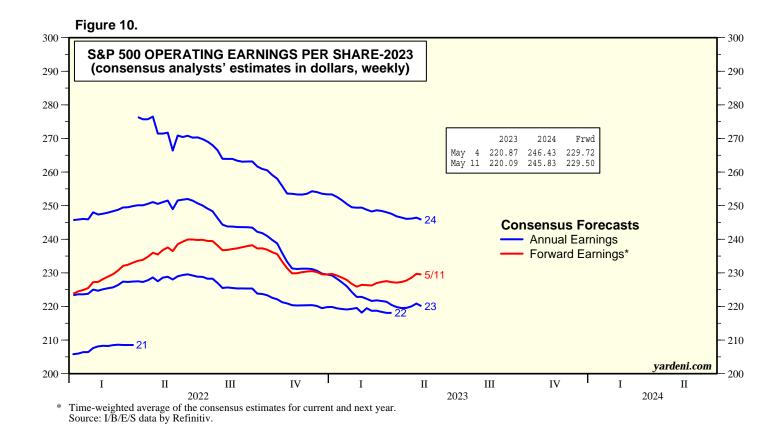


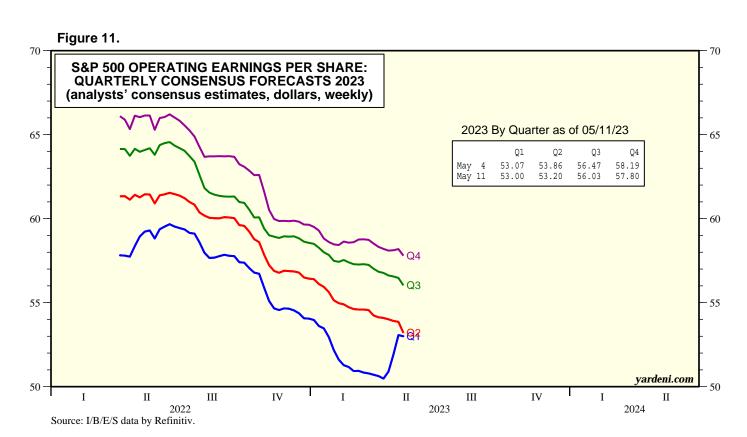
^{*} Ratio scale.

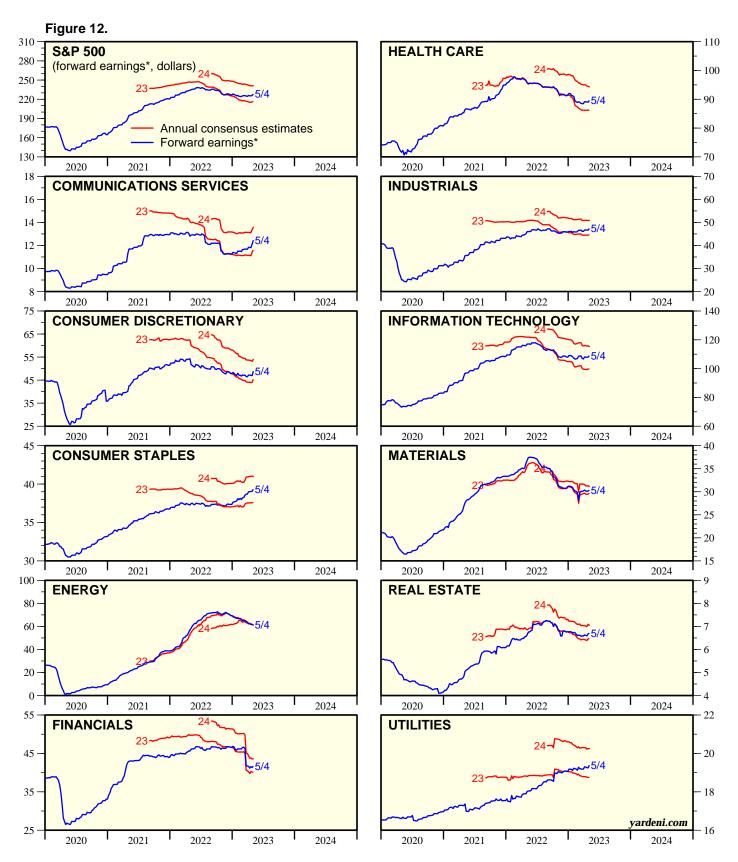
Source: Standard & Poor's and Haver Analytics.



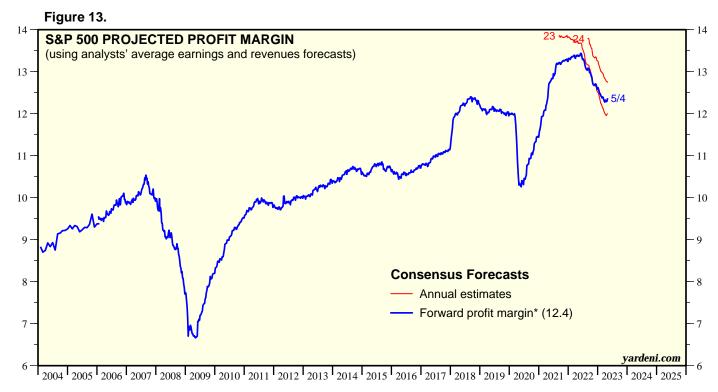
^{*} Time-weighted average of consensus estimates for current and next years. Note: Shaded areas are recessions according to the National Bureau of Economic Research. Source: Standard & Poor's and I/B/E/S data by Refinitiv.



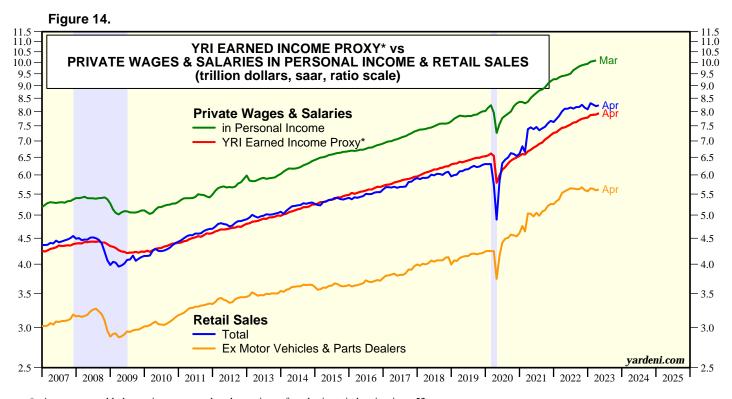




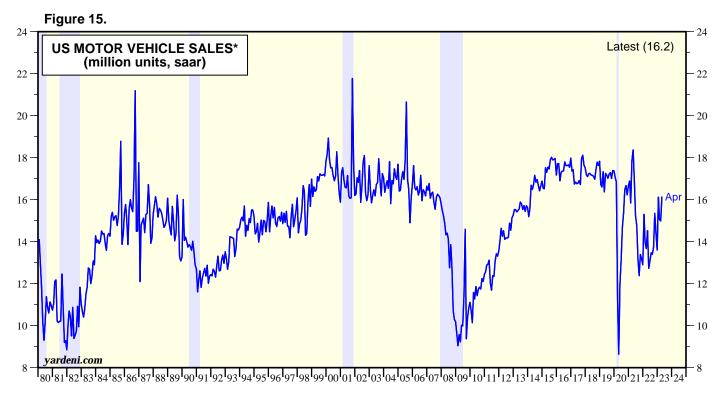
^{*} Time-weighted average (in blue) of consensus operating earnings estimates for current and next year (in red). Source: I/B/E/S data by Refinitiv.



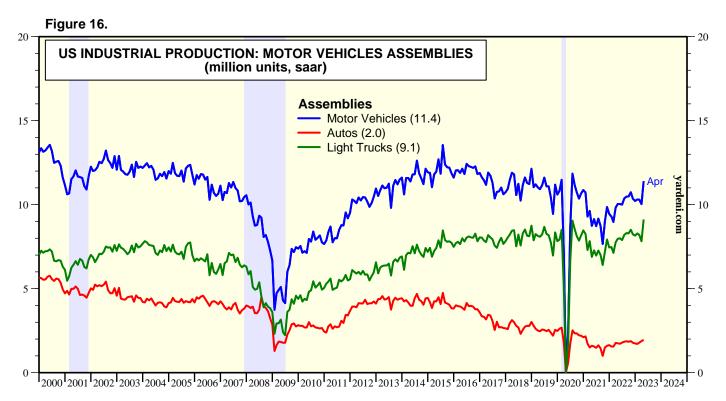
^{*} Time-weighted average of the consensus estimates for current year and next year. Monthly through December 2005, weekly thereafter. Source: I/B/E/S data by Refinitiv.



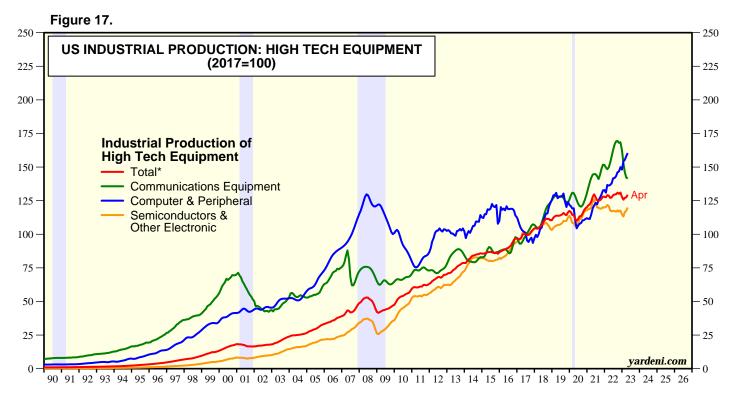
Aggregate weekly hours times average hourly earnings of total private industries times 52. Note: Shaded areas are recessions according to the National Bureau of Economic Research. Source: Bureau of Labor Statistics, Census Bureau, and Bureau of Economic Analysis.



^{*} Includes domestic cars, light trucks, and imports. Note: Shaded areas are recessions according to the National Bureau of Economic Research. Source: Autodata and Haver Analytics.



Note: Shaded areas are recessions according to the National Bureau of Economic Research. Source: Federal Reserve Board.



^{*} Includes computers, communications and semiconductors.
Note: Shaded areas are recessions according to the National Bureau of Economic Research.
Source: Federal Reserve Board.

Copyright (c) Yardeni Research, Inc. 2023. All rights reserved. The information contained herein has been obtained from sources believed to be reliable, but is not necessarily complete and its accuracy cannot be guaranteed. No representation or warranty, express or implied, is made as to the fairness, accuracy, completeness, or correctness of the information and opinions contained herein. The views and the other information provided are subject to change without notice. All reports and podcasts posted on www.yardeni.com, blog.yardeni.com, and YRI's Apps are issued without regard to the specific investment objectives, financial situation, or particular needs of any specific recipient and are not to be construed as a solicitation or an offer to buy or sell any securities or related financial instruments. Past performance is not necessarily a guide to future results. Company fundamentals and earnings may be mentioned occasionally, but should not be construed as a recommendation to buy, sell, or hold the company's stock. Predictions, forecasts, and estimates for any and all markets should not be construed as recommendations to buy, sell, or hold any security--including mutual funds, futures contracts, and exchange traded funds, or any similar instruments.

The text, images, and other materials contained or displayed on any Yardeni Research, Inc. product, service, report, email or website are proprietary to Yardeni Research, Inc. and constitute valuable intellectual property. No material from any part of www.yardeni.com, blog.yardeni.com, and YRI's Apps may be downloaded, transmitted, broadcast, transferred, assigned, reproduced or in any other way used or otherwise disseminated in any form to any person or entity, without the explicit written consent of Yardeni Research, Inc. All unauthorized reproduction or other use of material from Yardeni Research, Inc. shall be deemed willful infringement(s) of this copyright and other proprietary and intellectual property rights, including but not limited to, rights of privacy. Yardeni Research, Inc. expressly reserves all rights in connection with its intellectual property, including without limitation the right to block the transfer of its products and services and/or to track usage thereof, through electronic tracking technology, and all other lawful means, now known or hereafter devised. Yardeni Research, Inc. reserves the right, without further notice, to pursue to the fullest extent allowed by the law any and all criminal and civil remedies for the violation of its rights.

The recipient should check any email and any attachments for the presence of viruses. Yardeni Research, Inc. accepts no liability for any damage caused by any virus transmitted by this company's emails, website, blog and Apps. Additional information available on request.