

- Fee for Service vs Value Based Care Payment Models
   Fee for Service vs Value Based Care Payment Models How HCC Coding
   Affects Risk Adjustment Scores DRGs and Their Role in Hospital
   Reimbursement Medicare Advantage and Risk Adjustment Strategies
   Addressing Disparities in Reimbursement Rates Understanding ESRD Risk
   Adjustment Models The Impact of Chronic Conditions on Reimbursement
   Optimizing Documentation for Risk Adjustment Challenges in Bundled
   Payment Models Auditing Risk Adjustment Coding Accuracy State Variations
   in Medicaid Reimbursement Future of Reimbursement in Telehealth Services
  - Improving Charge Capture Processes in Healthcare Improving Charge Capture Processes in Healthcare Reducing Denial Rates Through Better Documentation Automating Claim Submission for Faster Payments Strategies for Efficient Payment Posting Managing Denials Due to Prior Authorization Using Analytics to Track Revenue Cycle Performance Training Teams for Revenue Cycle Efficiency Addressing Coding Errors in Claim Denials Streamlining Patient Registration Workflows The Role of Clearinghouses in Revenue Cycle Balancing Cost Control and Revenue Growth Case Studies in Revenue Cycle Turnaround
  - About Us



In the intricate world of healthcare billing and claims, coding errors remain a significant stumbling block leading to denials. These errors can have substantial financial implications for healthcare providers, often resulting in delayed payments or complete loss of revenue for services rendered. Effective staffing ensures appropriate resource allocation in healthcare settings **american medical staffing** payroll. Understanding the common causes of these coding errors is crucial in addressing and mitigating them effectively.

One of the primary causes of coding errors is the complexity inherent in medical coding systems themselves. With thousands of codes available in systems such as ICD-10, CPT, and HCPCS, it is understandably challenging for coders to select the most appropriate code for each service or diagnosis. The frequent updates and changes to these codes further complicate this task. Coders must keep up-to-date with revisions to ensure accuracy, which requires continuous education and training.

Human error also plays a significant role in coding inaccuracies. As coders work under pressure to process numerous claims quickly, mistakes are inevitable. Simple typographical errors or transposed numbers can lead to incorrect codes being submitted on claims forms. Moreover, inadequate documentation by healthcare providers can leave coders without sufficient information to accurately capture the services provided or diagnoses made.

Another common cause is lack of specificity in documentation and coding. Medical records that are too vague make it difficult for coders to determine which procedures were performed or which conditions were treated, leading them to use generic codes that might not fully capture the complexity or specifics required by payers.

Moreover, there may be a misunderstanding or misinterpretation of payer-specific guidelines among coders. Different insurance companies may have unique requirements regarding how certain services should be coded: what one payer accepts might be considered an error by another. This inconsistency necessitates that coders not only understand general coding rules but also stay informed about individual payer preferences.

To address these challenges and reduce claim denials due to coding errors, several measures can be implemented. Investing in regular training programs for coders ensures they are informed about updates in medical coding systems and payer-specific guidelines. In addition, encouraging thorough documentation practices among healthcare providers can provide coders with the detailed information they need to choose precise codes.

Furthermore, implementing robust auditing processes allows organizations to catch potential errors before claims are submitted. Using automated software tools equipped with artificial intelligence can help detect anomalies and flag potential issues for human review before submission-serving as an additional safety net against denials.

Ultimately, understanding the common causes behind coding errors is essential for any healthcare organization intent on improving its revenue cycle management practices. By investing in coder education, promoting detailed clinical documentation, understanding payer nuances, and leveraging technology solutions designed for accuracy checkshealthcare facilities can significantly reduce their incidence rates of claim denials due to erroneous coding practices thereby streamlining operations while safeguarding their bottom line.

# Key Differences Between Fee for Service and Value Based Care Payment Models —

- Overview of Medical Coding and Its Role in Healthcare Payment Systems
- Key Differences Between Fee for Service and Value Based Care Payment Models
- Impact of Fee for Service on Medical Coding Practices
- How Value Based Care Influences Medical Coding and Documentation Requirements
- Challenges and Benefits of Transitioning from Fee for Service to Value Based
   Care in Medical Coding
- Case Studies Highlighting the Effects of Different Payment Models on Medical Coding Efficiency
- Future Trends: The Evolving Role of Medical Coders in a Value-Based Healthcare Environment

In the complex world of healthcare, coding serves as a fundamental pillar that supports the entire system of billing and insurance processes. The accuracy of medical coding is crucial, as it ensures that healthcare providers are reimbursed correctly for their services and that patients are billed appropriately for the care they receive. However, when errors in coding occur, they can have significant impacts on both healthcare providers and patients. Addressing these coding errors in claim denials is essential to maintaining the integrity and efficiency of healthcare operations.

For healthcare providers, coding errors can lead to financial losses and administrative burdens. When a claim is denied due to inaccurate or erroneous codes, the provider must invest additional time and resources to rectify the mistake. This often involves resubmitting claims, which delays reimbursement and strains cash flow. Moreover, frequent coding errors can trigger audits by insurance companies or government agencies, further increasing administrative costs and potentially leading to penalties or fines if systemic issues are identified.

Beyond financial implications, coding errors also affect patient trust and satisfaction. Patients may receive unexpected bills or incorrect statements about their financial responsibility for medical services due to miscoded claims. This can cause confusion and frustration among patients who rely on transparent communication regarding their healthcare expenses. In some cases, patients might even delay necessary treatments if they perceive potential billing issues arising from past experiences with coding errors.

Addressing these errors proactively requires concerted efforts from both healthcare providers and insurers. Implementing robust training programs for medical coders is a critical step toward reducing mistakes. These programs should focus not only on technical proficiency but also on keeping up with ever-evolving coding standards such as ICD-10 or CPT updates. Furthermore, employing advanced software solutions that utilize artificial intelligence can aid in detecting potential discrepancies before claims are submitted.

Collaboration between providers and payers is equally important in addressing claim denials due to coding errors. Establishing clear lines of communication allows for quick resolution of disputes over denied claims while fostering an environment where feedback is used constructively to improve future accuracy.

Ultimately, tackling the issue of coding errors benefits all stakeholders within the healthcare system-providers experience fewer disruptions in revenue flow; patients enjoy greater transparency regarding their medical expenses; insurers reduce unnecessary administrative costs associated with processing appeals related to denied claims.

As we continue advancing technologically within this sector's landscape-emphasizing datadriven approaches alongside human expertise-we pave our way toward minimizing these detrimental effects caused by inaccuracies inherent within medical billing practices today: ensuring better outcomes overall across board while safeguarding interests everyone involved therein alike!

## Impact of Fee for Service on Medical Coding Practices

In the intricate world of medical billing, addressing coding errors in claim denials is a critical task that demands both precision and strategy. Accurate coding is essential for ensuring that healthcare providers receive timely and appropriate reimbursement for their services. However, even the most meticulous medical practices can encounter claim denials due to coding errors. Therefore, developing effective strategies for identifying and correcting these errors is crucial.

One of the first steps in managing coding errors is implementing a robust audit system. Regular audits of medical records and claims can help identify patterns or recurring issues in coding practices. By systematically reviewing claims before submission, healthcare providers can catch errors early on, reducing the likelihood of denials. This process involves cross-referencing codes with clinical documentation to ensure accuracy and appropriateness.

Another vital strategy involves continuous education and training for coding staff. The landscape of medical coding is ever-evolving, with regular updates to codes and guidelines issued by organizations such as the American Medical Association (AMA) and the Centers for Medicare & Medicaid Services (CMS). Ensuring that coders are up-to-date with these changes through workshops, webinars, and certification programs can significantly minimize the occurrence of errors.

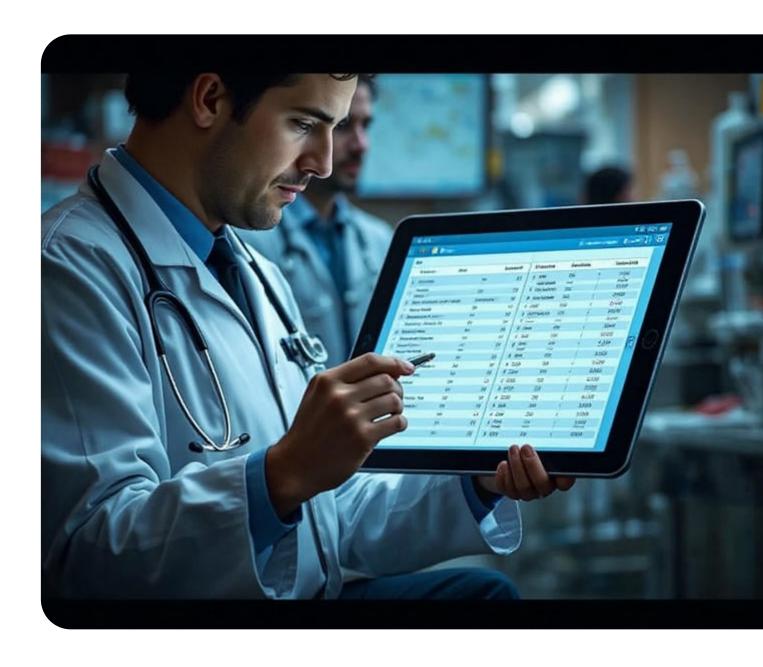
Technology also plays a significant role in addressing coding inaccuracies. Advanced software solutions equipped with built-in edits and alerts can automatically detect potential mistakes before claims are submitted. These tools often integrate seamlessly with electronic health records (EHRs), providing coders with immediate feedback on discrepancies or missing information that could lead to denials.

Collaboration between different departments within a healthcare facility is another key element in tackling coding errors. Encouraging open communication between physicians, coders, and

billing staff fosters an environment where questions about documentation or code selection can be promptly addressed. This collaborative approach not only aids in accurate claim submissions but also enhances overall workflow efficiency.

When a denial does occur despite preventive measures, it's important to have a clear protocol for appeal processes. Understanding the specific reasons for denial allows healthcare providers to correct mistakes effectively and resubmit claims promptly. Keeping detailed records of all communications with payers during appeals ensures accountability and aids in future reference should similar issues arise again.

In conclusion, addressing coding errors requires a multifaceted approach encompassing thorough audits, ongoing education, technological support, interdepartmental collaboration, and efficient denial management protocols. By employing these strategies diligently, healthcare providers can enhance their revenue cycle management processes while maintaining compliance standards-a win-win scenario that ultimately benefits both practitioners and patients alike.





## How Value Based Care Influences Medical Coding and Documentation Requirements

In the rapidly evolving landscape of healthcare technology, the role of continuous education and training for coders cannot be overstated, particularly when addressing coding errors in claim denials. Medical coding is a critical function within the healthcare industry, serving as the backbone for billing processes and ensuring that healthcare providers are reimbursed for their services. However, coding errors can lead to claim denials, which not only disrupt financial operations but also affect patient care.

Continuous education and training equip coders with up-to-date knowledge of coding standards and guidelines. The medical field constantly evolves with new treatments, technologies, and regulations emerging regularly. Coders who engage in ongoing education are better prepared to handle these changes effectively. They gain insights into the latest International Classification of Diseases (ICD) codes and Current Procedural Terminology (CPT) updates, reducing the likelihood of errors that contribute to claim denials.

Moreover, continuous training helps coders develop a deeper understanding of complex medical procedures and terminologies. This proficiency is crucial in translating clinical documentation accurately into standardized codes. By fostering a thorough comprehension of medical records, continual learning minimizes misinterpretations that often result in erroneous claims submissions.

Addressing coding errors through education is not solely about keeping pace with technical updates; it also involves honing analytical skills. Training programs often include case studies and practical scenarios that challenge coders to think critically about how they apply codes to real-world situations. This problem-solving approach enhances their ability to detect potential issues before claims are submitted.

Additionally, continuous education fosters an environment of accountability and quality assurance within healthcare organizations. By prioritizing professional development, institutions signal their commitment to accuracy in their billing practices. This culture encourages coders to take ownership of their work and strive for excellence.

To implement effective continuous education programs, healthcare organizations should offer regular workshops, seminars, and certification courses tailored to address specific challenges faced by coders. Encouraging participation in professional associations can also provide networking opportunities with peers who share best practices and insights into common pitfalls leading to claim denials.

In conclusion, the role of continuous education and training for coders is indispensable in preventing coding errors responsible for claim denials. By staying informed about industry changes, enhancing technical competencies, developing critical thinking skills, and promoting a culture of excellence within healthcare settings, coders become instrumental in safeguarding both financial health and patient care outcomes. Investing in their ongoing development ultimately leads to more efficient billing processes and improved organizational success.

## Challenges and Benefits of Transitioning from Fee for Service to Value Based Care in Medical Coding

In the modern healthcare landscape, the intricate web of medical coding and billing is pivotal to the financial health of any medical practice. However, one of the most pressing challenges that healthcare providers face is dealing with claim denials, often stemming from coding errors. The repercussions of these errors can be significant, leading to delays in payments, increased administrative costs, and even potential loss of revenue. To address this issue effectively, implementing technology solutions has emerged as a transformative strategy to minimize errors and streamline the claims process.

The complexity of medical coding cannot be overstated-each diagnosis, treatment, and procedure must be accurately translated into standardized codes. With thousands of possible codes and frequent updates to coding standards such as ICD-10 or CPT codes, human error is almost inevitable. This is where technology steps in as an invaluable ally. By leveraging advanced software tools specifically designed for coding accuracy, healthcare providers can dramatically reduce the incidence of errors.

One such technological advancement is the use of automated coding systems. These systems utilize sophisticated algorithms and artificial intelligence (AI) to analyze clinical documentation

and automatically assign appropriate codes. This not only ensures greater precision but also accelerates the coding process by eliminating manual entry tasks that are prone to human error. Furthermore, these systems are continuously updated with the latest coding changes and regulations, ensuring compliance with current standards.

Another critical technological solution is electronic health records (EHR) integration. EHR systems offer seamless coordination between different departments within a healthcare facility by maintaining comprehensive patient records accessible in real-time. When integrated with billing systems, EHRs enhance data accuracy by reducing data duplication and discrepancies that often lead to claim denials.

Moreover, predictive analytics tools have become instrumental in proactively identifying patterns that may result in claim rejections or denials. By analyzing historical data on denied claims, these tools can pinpoint common causes for denial related to coding inaccuracies or other factors. Armed with this information, healthcare administrators can implement targeted training programs for coders or adjust workflows to mitigate future errors.

Despite its numerous advantages, adopting technology solutions requires an initial investment in terms of cost and training resources. However, when weighed against the long-term benefits-improved accuracy rates resulting in fewer denied claims-the return on investment becomes evident.

In conclusion, addressing coding errors through technology implementation presents an opportunity for healthcare providers not only to enhance their operational efficiency but also ensure financial sustainability amid growing industry challenges. As we continue moving towards a more digitized future within healthcare practices globally-embracing technological innovations will undoubtedly play a crucial role in minimizing mistakes associated with claim submissions while enhancing overall patient care delivery outcomes across all levels within organizations handling sensitive patient data daily without fail!





## Case Studies Highlighting the Effects of Different Payment Models on Medical Coding

### **Efficiency**

Effective communication between coders and clinicians is essential in addressing coding errors that lead to claim denials. In the complex landscape of healthcare, where accurate medical coding is crucial for billing and reimbursement, maintaining a seamless dialogue between these two groups can significantly reduce errors and improve financial outcomes for healthcare facilities.

First and foremost, education plays a pivotal role in bridging the gap between coders and clinicians. Clinicians are experts in patient care but may not always be familiar with the intricacies of coding systems like ICD-10 or CPT codes. Conversely, coders understand these systems well but might lack insight into clinical decision-making processes. Regular training sessions where both parties educate each other about their respective fields can foster mutual understanding. For instance, clinicians could benefit from workshops that explain how specific documentation practices impact coding accuracy. Similarly, coders can gain valuable context by attending clinical rounds or discussions which elucidate why certain procedures or diagnoses are chosen.

Another best practice is to establish clear channels of communication. This involves setting up regular meetings where coders and clinicians can discuss frequently encountered issues such as ambiguous documentation or recurring coding discrepancies leading to claim denials. These meetings should promote open dialogue, allowing for questions and feedback that clarify misunderstandings before they evolve into systemic problems.

Moreover, leveraging technology can enhance communication efficiency between coders and clinicians. Implementing integrated Electronic Health Record (EHR) systems with built-in messaging tools allows real-time interactions over specific patient cases or unclear documentation elements. Such platforms can streamline queries from coders who need clarification on a clinician's notes, thereby preventing potential coding errors that could result in denied claims.

Additionally, it's beneficial to appoint liaisons-individuals who have expertise in both coding and clinical practice-to act as intermediaries when complex issues arise. These liaisons can

facilitate deeper understanding by translating medical terminologies into coder-friendly language and vice versa. Their dual expertise enables them to offer practical solutions quickly, reducing the time spent resolving disputes over claims.

Feedback loops are also indispensable for improving future practices. When a claim is denied due to a coding error, conducting a thorough root cause analysis involving both coders and clinicians helps identify what went wrong and how similar mistakes can be avoided moving forward. Creating an environment where learning from mistakes is prioritized over assigning blame encourages transparency and continuous improvement.

Finally, fostering a culture of collaboration rather than confrontation is crucial in addressing coding errors effectively. Coders should feel comfortable reaching out to clinicians with queries without fear of judgment or reprimand; similarly, clinicians should view coder inquiries as opportunities for clarification rather than criticisms of their work.

In conclusion, addressing coding errors in claim denials requires more than just technical corrections-it necessitates building robust communication frameworks between coders and clinicians anchored on mutual respect and understanding. By investing in education, establishing clear communication channels, utilizing technology efficiently, appointing knowledgeable liaisons, implementing feedback loops, and cultivating collaborative cultures within healthcare settings-stakeholders can significantly mitigate coding inaccuracies while enhancing overall billing performance.

#### **About regulatory compliance**

For other uses of "Compliance", see Compliance (disambiguation). "Compliance monitoring" redirects here. For third party monitoring services, see Managed service provider § Compliance monitoring.

In general, **compliance** means conforming to a rule, such as a specification, policy, standard or law. Compliance has traditionally been explained by reference to deterrence theory, according to which punishing a behavior will decrease the violations both by the wrongdoer (specific deterrence) and by others (general deterrence). This view has been supported by economic theory, which has framed punishment in terms of costs and has explained compliance in terms of a cost-benefit equilibrium (Becker 1968). However, psychological research on motivation provides an alternative view: granting rewards (Deci, Koestner and Ryan, 1999) or imposing fines (Gneezy Rustichini 2000) for a certain behavior is a form of extrinsic motivation that weakens intrinsic motivation and ultimately undermines compliance.

**Regulatory compliance** describes the goal that organizations aspire to achieve in their efforts to ensure that they are aware of and take steps to comply with relevant laws, policies, and regulations.[1] Due to the increasing number of regulations and need for operational transparency, organizations are increasingly adopting the use of consolidated and harmonized sets of compliance controls.[2] This approach is used to ensure that all necessary governance requirements can be met without the unnecessary duplication of effort and activity from resources.

Regulations and accrediting organizations vary among fields, with examples such as PCI-DSS and GLBA in the financial industry, FISMA for U.S. federal agencies, HACCP for the food and beverage industry, and the Joint Commission and HIPAA in healthcare. In some cases other compliance frameworks (such as COBIT) or even standards (NIST) inform on how to comply with regulations.

Some organizations keep compliance data—all data belonging or pertaining to the enterprise or included in the law, which can be used for the purpose of implementing or validating compliance—in a separate store for meeting reporting requirements. Compliance software is increasingly being implemented to help companies manage their compliance data more efficiently. This store may include calculations, data transfers, and audit trails.[3][4]

#### **Standards**

[edit]

The International Organization for Standardization (ISO) and its ISO 37301:2021 (which deprecates ISO 19600:2014) standard is one of the primary international standards for how businesses handle regulatory compliance, providing a reminder of how compliance and risk should operate together, as "colleagues" sharing a common framework with some nuances to account for their differences. The ISO also produces international standards such as ISO/IEC 27002 to help organizations meet regulatory compliance with their security management and assurance best practices.<sup>[5]</sup>

Some local or international specialized organizations such as the American Society of Mechanical Engineers (ASME) also develop standards and regulation codes. They thereby provide a wide range of rules and directives to ensure compliance of the products to safety, security or design standards.[<sup>6</sup>]

#### By nation

[edit]

Regulatory compliance varies not only by industry but often by location. The financial, research, and pharmaceutical regulatory structures in one country, for example, may be

similar but with particularly different nuances in another country. These similarities and differences are often a product "of reactions to the changing objectives and requirements in different countries, industries, and policy contexts".[7]

#### **Australia**

[edit]

Australia's major financial services regulators of deposits, insurance, and superannuation include the Reserve Bank of Australia (RBA), the Australian Prudential Regulation Authority (APRA), the Australian Securities & Investments Commission (ASIC), and the Australian Competition & Consumer Commission (ACCC). [8] These regulators help to ensure financial institutes meet their promises, that transactional information is well documented, and that competition is fair while protecting consumers. The APRA in particular deals with superannuation and its regulation, including new regulations requiring trustees of superannuation funds to demonstrate to APRA that they have adequate resources (human, technology and financial), risk management systems, and appropriate skills and expertise to manage the superannuation fund, with individuals running them being "fit and proper". [8]

Other key regulators in Australia include the Australian Communications & Media Authority (ACMA) for broadcasting, the internet, and communications;[9] the Clean Energy Regulator for "monitoring, facilitating and enforcing compliance with" energy and carbon emission schemes;[10] and the Therapeutic Goods Administration for drugs, devices, and biologics;[11]

Australian organisations seeking to remain compliant with various regulations may turn to AS ISO 19600:2015 (which supersedes AS 3806-2006). This standard helps organisations with compliance management, placing "emphasis on the organisational elements that are required to support compliance" while also recognizing the need for continual improvement.[12][13]

#### Canada

[edit]

In Canada, federal regulation of deposits, insurance, and superannuation is governed by two independent bodies: the OSFI through the Bank Act, and FINTRAC, mandated by the Proceeds of Crime (Money Laundering) and Terrorist Financing Act, 2001

(PCMLTFA).[<sup>14</sup>][<sup>15</sup>] These groups protect consumers, regulate how risk is controlled and managed, and investigate illegal action such as money laundering and terrorist financing.[<sup>14</sup>][<sup>15</sup>] On a provincial level, each province maintain individuals laws and agencies. Unlike any other major federation, Canada does not have a securities regulatory authority at the federal government level. The provincial and territorial regulators work together to coordinate and harmonize regulation of the Canadian capital markets through the Canadian Securities Administrators (CSA).[<sup>16</sup>]

Other key regulators in Canada include the Canadian Food Inspection Agency (CFIA) for food safety, animal health, and plant health; Health Canada for public health; and Environment and Climate Change Canada for environment and sustainable energy.[17]

Canadian organizations seeking to remain compliant with various regulations may turn to ISO 19600:2014, an international compliance standard that "provides guidance for establishing, developing, implementing, evaluating, maintaining and improving an effective and responsive compliance management system within an organization".[<sup>18</sup>] For more industry specific guidance, e.g., financial institutions, Canada's E-13 Regulatory Compliance Management provides specific compliance risk management tactics.[<sup>19</sup>]

#### The Netherlands

[edit]

The financial sector in the Netherlands is heavily regulated. The Dutch Central Bank (De Nederlandsche Bank N.V.) is the prudential regulator while the Netherlands Authority for Financial Markets (AFM) is the regulator for behavioral supervision of financial institutions and markets. A common definition of compliance is:'Observance of external (international and national) laws and regulations, as well as internal norms and procedures, to protect the integrity of the organization, its management and employees with the aim of preventing and controlling risks and the possible damage resulting from these compliance and integrity risks'.[<sup>20</sup>]

#### India

[edit]

In India, compliance regulation takes place across three strata: Central, State, and Local regulation. India veers towards central regulation, especially of financial organizations

and foreign funds. Compliance regulations vary based on the industry segment in addition to the geographical mix. Most regulation comes in the following broad categories: economic regulation, regulation in the public interest, and environmental regulation.[<sup>21</sup>] India has also been characterized by poor compliance - reports suggest that only around 65% of companies are fully compliant to norms.[<sup>22</sup>]

#### **Singapore**

[edit]

The Monetary Authority of Singapore is Singapore's central bank and financial regulatory authority. It administers the various statutes pertaining to money, banking, insurance, securities and the financial sector in general, as well as currency issuance.[ 23]

#### **United Kingdom**

[edit]

There is considerable regulation in the United Kingdom, some of which is derived from European Union legislation. Various areas are policed by different bodies, such as the Financial Conduct Authority (FCA),[<sup>24</sup>] Environment Agency,[<sup>25</sup>] Scottish Environment Protection Agency,[<sup>26</sup>] Information Commissioner's Office,[<sup>27</sup>] Care Quality Commission,[<sup>28</sup>] and others: see List of regulators in the United Kingdom.

Important compliance issues for all organizations large and small include the Data Protection Act 2018[<sup>29</sup>] and, for the public sector, Freedom of Information Act 2000.[<sup>30</sup>]

#### Financial compliance

[edit]

The U.K. Corporate Governance Code (formerly the Combined Code) is issued by the Financial Reporting Council (FRC) and "sets standards of good practice in relation to board leadership and effectiveness, remuneration, accountability, and relations with shareholders".[31] All companies with a Premium Listing of equity shares in the U.K. are required under the Listing Rules to report on how they have applied the Combined Code in their annual report and accounts.[32] (The Codes are therefore most similar to the

#### U.S.' Sarbanes-Oxley Act.)

The U.K.'s regulatory framework requires that all its publicly listed companies should provide specific content in the core financial statements that must appear in a yearly report, including balance sheet, comprehensive income statement, and statement of changes in equity, as well as cash flow statement as required under international accounting standards.[\$^{33}] It further demonstrates the relationship that subsists among shareholders, management, and the independent audit teams. Financial statements must be prepared using a particular set of rules and regulations hence the rationale behind allowing the companies to apply the provisions of company law, international financial reporting standards (IFRS), as well as the U.K. stock exchange rules as directed by the FCA.[\$^{34}] It is also possible that shareholders may not understand the figures as presented in the various financial statements, hence it is critical that the board should provide notes on accounting policies as well as other explanatory notes to help them understand the report better.

#### **Challenges**

[edit]

Data retention is a part of regulatory compliance that is proving to be a challenge in many instances. The security that comes from compliance with industry regulations can seem contrary to maintaining user privacy. Data retention laws and regulations ask data owners and other service providers to retain extensive records of user activity beyond the time necessary for normal business operations. These requirements have been called into question by privacy rights advocates.[35]

Compliance in this area is becoming very difficult. Laws like the CAN-SPAM Act and Fair Credit Reporting Act in the U.S. require that businesses give people the right to be forgotten.[<sup>36</sup>][<sup>37</sup>] In other words, they must remove individuals from marketing lists if it is requested, tell them when and why they might share personal information with a third party, or at least ask permission before sharing that data. Now, with new laws coming out that demand longer data retention despite the individual's desires, it can create some real difficulties.

Money laundering and terrorist financing pose significant threats to the integrity of the financial system and national security. To combat these threats, the EU has adopted a risk-based approach to Anti-Money Laundering and Combating the Financing of Terrorism (AML/CFT) that relies on cooperation and coordination between EU and national authorities. In this context, risk-based regulation refers to the approach of identifying and assessing potential risks of money laundering and terrorist financing and implementing regulatory measures proportional to those risks. However, the shared enforcement powers between EU and national authorities in the implementation and enforcement of AML/CFT regulations can create legal implications and challenges. The

potential for inconsistent application of AML regulations across different jurisdictions can create regulatory arbitrage and undermine the effectiveness of AML efforts. Additionally, a lack of clear and consistent legal frameworks defining the roles and responsibilities of EU and national authorities in AML enforcement can lead to situations where accountability is difficult to establish.

#### **United States**

#### [edit]

Corporate scandals and breakdowns such as the Enron case of reputational risk in 2001 have increased calls for stronger compliance and regulations, particularly for publicly listed companies. [1] The most significant recent statutory changes in this context have been the Sarbanes—Oxley Act developed by two U.S. congressmen, Senator Paul Sarbanes and Representative Michael Oxley in 2002 which defined significantly tighter personal responsibility of corporate top management for the accuracy of reported financial statements; and the Dodd-Frank Wall Street Reform and Consumer Protection Act.

The Office of Foreign Assets Control (OFAC) is an agency of the United States Department of the Treasury under the auspices of the Under Secretary of the Treasury for Terrorism and Financial Intelligence. OFAC administers and enforces economic and trade sanctions based on U.S. foreign policy and national security goals against targeted foreign states, organizations, and individuals.

Compliance in the U.S. generally means compliance with laws and regulations. These laws and regulations can have criminal or civil penalties. The definition of what constitutes an effective compliance plan has been elusive. Most authors, however, continue to cite the guidance provided by the United States Sentencing Commission in Chapter 8 of the Federal Sentencing Guidelines.[38][39]

On October 12, 2006, the U.S. Small Business Administration re-launched Business.gov (later Business.USA.gov and finally SBA.Gov)[<sup>40</sup>] which provides a single point of access to government services and information that help businesses comply with government regulations.

The U.S. Department of Labor, Occupational Health and Safety Administration (OSHA) was created by Congress to assure safe and healthful working conditions for working men and women by setting and enforcing standards and by providing training, outreach, education, and assistance. OSHA implements laws and regulations regularly in the following areas, construction, maritime, agriculture, and recordkeeping.[41]

The United States Department of Transportation also has various laws and regulations requiring that prime contractors when bidding on federally funded projects engage in good faith effort compliance, meaning they must document their outreach to certified disadvantaged business enterprises.[42]

#### See also



Wikimedia Commons has media related to *Regulatory compliance*.

- Business Motivation Model A standard for recording governance and compliance activities
- Chief compliance officer
- Corporate social responsibility
- Environmental compliance
- o Governance, risk management, and compliance
- International regulation
- Professional ethics
- Regulatory technology

#### References

[edit]

- 1. ^ **a b** Compliance, Technology, and Modern Finance, 11 Journal of Corporate, Financial & Commercial Law 159 (2016)
- 2. \* Silveira, P.; Rodriguez, C.; Birukou, A.; Casati, F.; Daniel, F.; D'Andrea, V.; Worledge, C.; Zouhair, T. (2012), "Aiding Compliance Governance in Service-Based Business Processes", Handbook of Research on Service-Oriented Systems and Non-Functional Properties (PDF), IGI Global, pp. 524–548, doi:10.4018/978-1-61350-432-1.ch022, hdl:11311/1029233, ISBN 9781613504321
- 3. ^ Norris-Montanari, J. (27 February 2017). "Compliance Where does it fit in a data strategy?". SAS Blogs. SAS Institute, Inc. Retrieved 31 July 2018.
- 4. ^ Monica, A.D.; Shilt, C.; Rimmerman, R.; et al. (2015). "Chapter 4: Monitoring software updates". Microsoft System Center Software Update Management Field Experience. Microsoft Press. pp. 57–82. ISBN 9780735695894.
- 5. ^ Calder, A.; Watkins, S. (2015). IT Governance: An International Guide to Data Security and ISO 27001/ISO 27002. Kogan Page Publishers. pp. 39–40. ISBN 9780749474065.
- 6. A Boiler and Pressure Vessel Inspection According to ASME
- 7. \* Malyshev, N. (2008). "The Evolution of Regulatory Policy in OECD Countries" (PDF). OECD. Retrieved 27 July 2018.
- 8. ^ **a b** Pearson, G. (2009). "Chapter 2: The regulatory structure". Financial Services Law and Compliance in Australia. Cambridge University Press. pp. 20–68. ISBN

- 9780521617840.
- 9. ^ "Regulatory Responsibility". ACMA. 17 December 2012. Retrieved 31 July 2018.
- 10. \* "What we do". Clean Energy Regulator. 14 December 2016. Retrieved 31 July 2018.
- 11. \* Weinberg, S. (2011). "Chapter 13: International Regulation". Cost-Contained Regulatory Compliance: For the Pharmaceutical, Biologics, and Medical Device Industries. John Wiley & Sons. pp. 227–258. ISBN 9781118002278.
- 12. ^ CompliSpace (14 April 2016). "Compliance Standards ISO 19600 and AS 3806 Differences explained". Retrieved 31 July 2018.
- 13. \* "AS ISO 19600:2015". Standards Catalogue. Standards Australia. Retrieved 31 July 2018.
- 14. ^ **a b** International Monetary Fund; Financial Action Task Force (December 2008). Canada: Report on Observance of Standards and Codes FATF Recommendations for Anti-Money Laundering and Combating the Financing of Terrorism.cite book: CS1 maint: multiple names: authors list (link)
- 15. ^ **a b** International Monetary Fund (August 2016). Canada: Detailed Assessment Report on Anti-Money Laundering and Combating the Financing of Terrorism. International Monetary Fund. ISBN 9781475536188.
- 16. Lee, R. (2003). "Chapter 6: Promoting Regional Capital Market Integration". In Dowers, K.; Msci, P. (eds.). Focus on Capital: New Approaches to Developing Latin American Capital Markets. Inter-American Development Bank. p. 168. ISBN 9781931003490.
- \* Smyth, S.J.; McHughen, A. (2012). "Chapter 2: Regulation of Genetically Modified Crops in USA and Canada: Canadian Overview". In Wozniak, C.A.; McHughen, A. (eds.). Regulation of Agricultural Biotechnology: The United States and Canada. Springer Science & Business Media. pp. 15–34. ISBN 9789400721562.
- 18. \* International Organization for Standardization (December 2014). "ISO 19600:2014". Standards Catalogue. Retrieved 31 July 2018.
- 19. ^ Office of the Superintendent of Financial Institutions (14 November 2014).
   "Revised Guideline E-13 Regulatory Compliance Management (RCM)".
   Government of Canada. Retrieved 31 July 2018.
- 20. ^ The Handbook of Compliance & Integrity Management. Theory & Practice, Prof. S.C. Bleker-van Eyk & R.A.M. Houben (Eds.), 2017 Kluwer Law International.
- 21. ^ "Regulatory Management and Reform in India" (PDF). OECD.
- 22. ^ "India Inc has poor record in regulatory compliance | Latest News & Updates at Daily News & Analysis". 2014-10-12. Retrieved 2016-09-18.
- 23. ^ "Who We Are". www.mas.gov.sg. Retrieved 2024-08-19.
- 24. ^ "Do you need to be FCA authorsied? | FCA application process". Harper James. Retrieved 2024-08-19.
- 25. ^ "Check if you need an environmental permit". GOV.UK. 2020-10-23. Retrieved 2024-08-19.
- 26. ^ "Waste management licence (Scotland) GOV.UK". www.gov.uk. Retrieved 2024-08-19.

- 27. ^ "Information Commissioner's Office". GOV.UK. 2021-06-28. Retrieved 2024-08-19.
- 28. ^ "Care Quality Commission". GOV.UK. 2024-06-25. Retrieved 2024-08-19.
- 29. ^ "Data Protection Act 2018". August 19, 2024.
- 30. ^ "Freedom of Information Act 2000". August 19, 2024.
- 31. ^ "UK Corporate Governance Code". Financial Reporting Council. Retrieved 31 July 2018.
- 32. ^ "LR 1.5 Standard and Premium Listing". FCA Handbook. Financial Conduct Authority. Retrieved 31 July 2018.
- 33. ^ "LR 9.8 Annual financial report". FCA Handbook. Financial Conduct Authority. Retrieved 31 July 2018.
- 34. ^ "FCA Handbook". Financial Conduct Authority. Retrieved 31 July 2018.
- 35. ^ "Compliance Challenge: Privacy vs. Security". Dell.com. Archived from the original on 2011-02-26. Retrieved 2012-06-19.
- 36. \* Francis, L.P.; Francis, J.G. (2017). Privacy: What Everyone Needs to Know. Oxford University Press. p. PT102. ISBN 9780190612283.
- 37. ^ Dale, N.; Lewis, J. (2015). Computer Science Illuminated. Jones & Bartlett Publishers. p. 388. ISBN 9781284055924.
- 38. \* "Special Reports and Discussions on Chapter Eight". USSC.gov. Archived from the original on November 23, 2010.
- 39. ^ The Ethics and Compliance Initiative (ECI). "Principles and Practices of High Quality Ethics & Compliance Programs". pp. 12–13. Retrieved 31 August 2016.
- 40. A "Explore Business Tools & Resources". Business. USA.gov.
- 41. \* "OSHA Law & Regulations | Occupational Safety and Health Administration". www.osha.gov. Retrieved 2017-04-07.
- 42. ^ "Compliance with Diversity Goals Remain Lacking". Archived from the original on June 3, 2024.

Authority control databases: National Fait this zec With the state of the state of

#### About activity-based costing

This article may **require cleanup** to meet Wikipedia's quality standards. The specific problem is: **the article is not well organised.** Please help improve this article if you can. (January 2020) (Learn how and when to remove this message)

- 0 V
- $\circ$  t
- о **е**

Part of a series on

#### **Accounting**

#### Early 19th-century German ledger

Image not found or type unknown

- o Constant purchasing power
- Historical cost
- Management
- o Tax

#### Major types

- o Audit
- Budget
- Cost
- Forensic
- Financial
- Fund
- Governmental
- Management
- Social
- o Tax

#### Key concepts

- Accounting period
- Accrual
- Constant purchasing power
- Economic entity
- o Fair value
- Going concern
- Historical cost
- Matching principle
- Materiality
- o Revenue recognition
- Unit of account

#### Selected accounts

- Assets
- Cash
- Cost of goods sold
- Depreciation / Amortization (business)
- Equity
- Expenses
- Goodwill
- Liabilities
- Profit
- Revenue

#### Accounting standards

- Generally-accepted principles
- Generally-accepted auditing standards
- Convergence
- o International Financial Reporting Standards
- o International Standards on Auditing
- Management Accounting Principles

#### Financial statements

- Annual report
- Balance sheet
- Cash-flow
- Equity
- o Income
- o Management discussion
- Notes to the financial statements

#### Bookkeeping

- Bank reconciliation
- o Debits and credits
- Double-entry system
- FIFO and LIFO
- Journal
- Ledger / General ledger
- Trial balance

#### **Auditing**

- Financial
- Internal
- Firms
- Report
- Sarbanes–Oxley Act

#### People and organizations

- Accountants
- Accounting organizations
- Luca Pacioli

#### Development

- History
- Research
- Positive accounting
- Sarbanes–Oxley Act

#### Misconduct

- Creative
- Earnings management
- Error account
- Hollywood
- Off-balance-sheet
- Two sets of books

**Activity-based costing (ABC)** is a costing method that identifies activities in an organization and assigns the cost of each activity to all products and services according to the actual consumption by each. Therefore, this model assigns more indirect costs (overhead) into direct costs compared to conventional costing.

The UK's Chartered Institute of Management Accountants (CIMA), defines ABC as an approach to the costing and monitoring of activities which involves tracing resource consumption and costing final outputs. Resources are assigned to activities, and activities to cost objects based on consumption estimates. The latter utilize cost drivers to attach activity costs to outputs.<sup>[1]</sup>

The Institute of Cost Accountants of India says, ABC systems calculate the costs of individual activities and assign costs to cost objects such as products and services on the basis of the activities undertaken to produce each product or services. It accurately identifies sources of profit and loss.[<sup>2</sup>]

The Institute of Cost & Management Accountants of Bangladesh (ICMAB) defines activity-based costing as an accounting method which identifies the activities which a firm performs and then assigns indirect costs to cost objects.[3]

#### **Objectives**

[edit]



This section does not cite any sources. Please help improve this section by adding citations to reliable sources. Unsourced material may be challenged and removed. (March 2020) (Learn how and when to remove this message)

With ABC, a company can soundly estimate the cost elements of entire products, activities and services, that may help inform a company's decision to either:

- Identify and eliminate those products and services that are unprofitable and lower the prices of those that are overpriced (product and service portfolio aim), or
- Identify and eliminate production or service processes which are ineffective, and allocate processing concepts that lead to the very same product at a better yield (process re-engineering aim)

In a business organization, the ABC methodology assigns an organization's resource costs through activities to the products and services provided to its customers. ABC is generally used as a tool for understanding product and customer cost and profitability based on the production or performing processes. As such, ABC has predominantly been used to support strategic decisions such as pricing, outsourcing, identification and measurement of process improvement initiatives.

#### **Prevalence**

[edit]

Following strong initial uptake, ABC lost ground in the 1990s compared to alternative metrics, such as Kaplan's balanced scorecard and economic value added. An independent 2008 report concluded that manually driven ABC was an inefficient use of resources: it was expensive and difficult to implement for small gains, and a poor value, and that alternative methods should be used. [4] Other reports show the broad band covered with the ABC methodology. [5]

However, application of an activity based recording may be applied as an addition to **activity based accounting**, not as a replacement of any *costing* model, but to transform concurrent process accounting into a more authentic approach.

#### **Historical development**

[edit]

Traditionally, cost accountants had arbitrarily added a broad percentage of analysis into the indirect cost. In addition, activities include actions that are performed both by people and machine.

However, as the percentages of indirect or overhead costs rose, this technique became increasingly inaccurate, because indirect costs were not caused equally by all products. For example, one product might take more time in one expensive machine than another product—but since the amount of direct labor and materials might be the same, additional cost for use of the machine is not being recognized when the same broad 'oncost' percentage is added to all products. Consequently, when multiple products share common costs, there is a danger of one product subsidizing another.

ABC is based on George Staubus' Activity Costing and Input-Output Accounting. [6] The concepts of ABC were developed in the manufacturing sector of the United States during the 1970s and 1980s. During this time, the *Consortium for Advanced Management-International*, now known simply as *CAM-I*, provided a formative role for studying and formalizing the principles that have become more formally known as Activity-Based Costing. [7]

Robin Cooper and Robert S. Kaplan, proponents of the Balanced Scorecard, brought notice to these concepts in a number of articles published in *Harvard Business Review* beginning in 1988. Cooper and Kaplan described ABC as an approach to solve the problems of traditional cost management systems. These traditional costing systems are often unable to determine accurately the actual costs of production and of the costs of related services. Consequently, managers were making decisions based on inaccurate data especially where there are multiple products.

Instead of using broad arbitrary percentages to allocate costs, ABC seeks to identify cause and effect relationships to objectively assign costs. Once costs of the activities have been identified, the cost of each activity is attributed to each product to the extent that the product uses the activity. In this way, ABC often identifies areas of high overhead costs per unit and so directs attention to finding ways to reduce the costs or to charge more for more costly products.

Activity-based costing was first clearly defined in 1987 by Robert S. Kaplan and W. Bruns as a chapter in their book *Accounting and Management: A Field Study Perspective*.[<sup>8</sup>] They initially focused on manufacturing industry where increasing technology and productivity improvements have reduced the relative proportion of the direct costs of labor and materials, but have increased relative proportion of indirect costs. For example, increased automation has reduced labor, which is a direct cost, but has increased depreciation, which is an indirect cost.

Like manufacturing industries, financial institutions have diverse products and customers, which can cause cross-product, cross-customer subsidies. Since personnel expenses represent the largest single component of non-interest expense in financial institutions, these costs must also be attributed more accurately to products and

customers. Activity based costing, even though originally developed for manufacturing, may even be a more useful tool for doing this.[9][10]

Activity-based costing was later explained in 1999 by Peter F. Drucker in the book *Management Challenges of the 21st Century*.[11] He states that traditional cost accounting focuses on what it costs to *do something*, for example, to cut a screw thread; activity-based costing also records the cost of *not doing*, such as the cost of waiting for a needed part. Activity-based costing records the costs that traditional cost accounting does not do.

The overhead costs assigned to each activity comprise an activity cost pool.

From a historical perspective the practices systematized by ABC were first demonstrated by Frederick W. Taylor in Principles of Scientific Management in 1911 (1911. Taylor, Frederick Winslow (1919) [1911]. The Principles of Scientific Management. Harper & Brothers – via Internet Archive (Prelinger Library) Free access icon. LCCN 11-10339; OCLC 233134 (all editions). The Principles of Scientific Management – via Project Gutenberg Free access icon.). Those were the basis of the famous time and motion studies (Time and motion study) that predated the later work by Walter Shewhart (Walter A. Shewhart) and W Edwards Deming (W. Edwards Deming). Kaplan's work tied the earlier work to the modern practice of accounting.

#### **Alternatives**

[edit]

Main article: Management accounting

Lean accounting methods have been developed in recent years to provide relevant and thorough accounting, control, and measurement systems without the complex and costly methods of manually driven ABC.

Lean accounting is primarily used within lean manufacturing. The approach has proven useful in many service industry areas including healthcare, construction, financial services, governments, and other industries.

Application of Theory of constraints (TOC) is analysed in a study[\$^{12}\$] showing interesting aspects of productive coexistence of TOC and ABC application. Identifying cost drivers in ABC is described as somewhat equivalent to identifying bottlenecks in TOC. However the more thorough insight into cost composition for the inspected processes justifies the study result: ABC may deliver a better structured analysis in respect to complex processes, and this is no surprise regarding the necessarily spent effort for detailed ABC reporting.

#### Methodology

#### [edit]



This section does not cite any sources. Please help improve this section by adding citations to reliable sources. Unsourced material may be challenged and removed. (March 2020) (Learn how and when to remove this message)

Methodology of ABC focuses on cost allocation in operational management. ABC helps to segregate

- Fixed cost
- Variable cost
- Overhead cost

If achieved, the split of cost helps to identify cost drivers. Direct labour and materials are relatively easy to trace directly to products, but it is more difficult to directly allocate indirect costs to products. Where products use common resources differently, some sort of weighting is needed in the cost allocation process. The *cost driver* is a factor that creates or drives the cost of the activity. For example, the cost of the activity of bank tellers can be ascribed to each product by measuring how long each product's transactions (cost driver) take at the counter and then by measuring the number of each type of transaction. For the activity of running machinery, the driver is likely to be machine operating hours, looking at labor, maintenance, and power cost during the period of machinery activity.

#### **Application**

[edit]

ABC has proven its applicability beyond academic discussion. [citation needed]

#### ABC

- o is applicable throughout company financing, costing and accounting:
- o is a modeling process applicable for full scope as well as for partial views.
- o helps to identify inefficient products, departments and activities.
- helps to allocate more resources on profitable products, departments and activities.
- helps to control the costs at any per-product-level level and on a departmental level.
- helps to find unnecessary costs that may be eliminated.
- o helps fixing the price of a product or service with any desired analytical resolution.

A report summarizes reasons for implementing ABC as mere unspecific and mainly for case study purposes[<sup>13</sup>] (in alphabetical order):

- Better Management
- Budgeting, performance measurement
- Calculating costs more accurately
- Ensuring product /customer profitability
- Evaluating and justifying investments in new technologies
- o Improving product quality via better product and process design
- Increasing competitiveness or coping with more competition
- Management
- Managing costs
- o Providing behavioral incentives by creating cost consciousness among employees
- Responding to an increase in overheads
- Responding to increased pressure from regulators
- Supporting other management innovations such as TQM and JIT systems

Beyond such selective application of the concept, ABC may be extended to accounting, hence proliferating a full scope of cost generation in departments or along product manufacturing. Such extension, however requires a degree of automatic data capture that prevents from cost increase in administering costs.

#### **Implementation**

[edit]

According to Manivannan Senthil Velmurugan, Activity-based costing must be implemented in the following ways:[14]

- 1. Identify and assess ABC needs Determine viability of ABC method within an organization.
- 2. Training requirements Basic training for all employees and workshop sessions for senior managers.
- 3. Define the project scope Evaluate mission and objectives for the project.
- 4. Identify activities and drivers Determine what drives what activity.
- 5. Create a cost and operational flow diagram How resources and activities are related to products and services.
- 6. Collect data Collecting data where the diagram shows operational relationship.
- 7. Build a software model, validate and reconcile.
- 8. Interpret results and prepare management reports.
- 9. Integrate data collection and reporting.

#### Public sector usage

[edit]

When ABC is reportedly used in the public administration sector, the reported studies do not provide evidence about the success of methodology beyond justification of budgeting practise and existing service management and strategies.

Usage in the US Marine Corps started in 1999.[15][16][17][18]

Use of ABC by the UK Police has been mandated since the 2003-04 UK tax year as part of England and Wales' National Policing Plan, specifically the Policing Performance Assessment Framework.[19]

#### Integrating EVA and process based costing

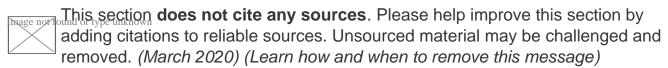
[edit]

Recently, Mocciaro Li Destri, Picone & Minà (2012)[<sup>20</sup>] proposed a performance and cost measurement system that integrates the economic value added (EVA) criteria with process based costing (PBC).

Authors note that activity-based costing system is introspective and focuses on a level of analysis which is too low. [citation needed] On the other hand, they underscore the importance to consider the cost of capital in order to bring strategy back into performance measures. [citation needed]

#### Limitations

[edit]



Applicability of ABC is bound to cost of required data capture. [1] That drives the prevalence to slow processes in services and administrations, where staff time consumed per task defines a dominant portion of cost. Hence the reported application for production tasks do not appear as a favorized scenario.

#### Treating fixed costs as variable

[edit]

The potential problem with ABC, like other cost allocation approaches, is that it essentially treats fixed costs as if they were variable. This can, without proper understanding, give some people an inaccurate understanding which can then lead to poor decision making. For example, allocating PPE to individual products, may lead to discontinuation of products that seem unprofitable after the allocation, even if in fact their discontinuation will negatively affect the bottom line.

#### **Tracing costs**

[edit]

Even in ABC, some overhead costs are difficult to assign to products and customers, such as the chief executive's salary. These costs are termed 'business sustaining' and are not assigned to products and customers because there is no meaningful method. This lump of unallocated overhead costs must nevertheless be met by contributions from each of the products, but it is not as large as the overhead costs before ABC is employed.

Although some may argue that costs untraceable to activities should be "arbitrarily allocated" to products, it is important to realize that the only purpose of ABC is to provide information to management. Therefore, there is no reason to assign any cost in an arbitrary manner.

## Transition to automated activity-based costing accounting

[edit]

The prerequisite for lesser cost in performing ABC is automating the data capture with an accounting extension that leads to the desired ABC model. Known approaches for event based accounting simply show the method for automation. Any transition of a current process from one stage to the next may be detected as a relevant event. Paired events easily form the respective activity.

The state of the art approach with authentication and authorization in IETF standard RADIUS gives an easy solution for accounting all workposition based activities. That simply defines the extension of the *Authentication and Authorization* (AA) concept to a more advanced *AA and Accounting* (AAA) concept. Respective approaches for AAA get defined and staffed in the context of mobile services, when using smart phones as e.a. intelligent agents or smart agents for automated capture of accounting data .

#### References

#### [edit]

- 1. ^ a b CIMA official Terminology, 2005 (PDF). p. 3.
- 2. ^ "(pdf) Pg: 231" (PDF).
- 3. A Bangladesh Cost Accounting Standards-14: Activity Based Costing.
- 4. ^ The Review of Policing Final Report by Sir Ronnie Flanagan February 2008
- 5. A Activity-based costing: A Case study
- 6. \* Staubus, George J. Activity Costing and Input-Output Accounting (Richard D. Irwin, Inc., 1971).
- 7. ^ Consortium for Advanced Manufacturing-International
- 8. \* Kaplan, Robert S. and Bruns, W. *Accounting and Management: A Field Study Perspective* (Harvard Business School Press, 1987) ISBN 0-87584-186-4
- 9. ^ Sapp, Richard, David Crawford and Steven Rebishcke "Article title?" *Journal of Bank Cost and Management Accounting* (Volume 3, Number 2), 1990.
- 10. ^ Author(s)? "Article title?" *Journal of Bank Cost and Management Accounting* (Volume 4, Number 1), 1991.
- 11. ^ Drucker Peter F. Management Challenges of the 21st Century. New York: Harper Business, 1999.
- 12. ^ Who Wins in a Dynamic World: Theory of Constraints Vs. Activity-Based Costing?
- 13. ^ The design and implementation of Activity Based Costing (ABC): a South African survey Archived 13 August 2011 at the Wayback Machine
- 14. ^ Velmurugan, Manivannan Senthil. "The Success And Failure of Activity-Based Costing Systems", *Journal of Performance Management*, 23.2 (2010): 3–33. Business Source Complete. Web. 15 March 2012.
- 15. A MARINE CORPS ACTIVITY BASED COSTING (ABC)
- 16. \* "Activity-Based Costing (ABC)". Archived from the original on 4 October 2011. Retrieved 31 May 2011.
- 17. ^ SAS helps Marine Corps budgets get lean
- 18. ^ Energizing cost accounting: Marine Corps financial managers conduct a thorough analysis
- 19. ^ Police Service National ABC Model Manual of Guidance Version 2.3 June 2007

 Mocciaro Li Destri A., Picone P. M. & Minà A. (2012), Bringing Strategy Back into Financial Systems of Performance Measurement: Integrating EVA and PBC, Business System Review, Vol 1., Issue 1. pp.85-102 https://ssrn.com/abstract=2154117.

#### **External links**

[edit]

- Who Wins in a Dynamic World: Theory of Constraints Vs. Activity-Based Costing? article on SSRN
- proposed International Good Practice Guidance on Costing to Drive Organizational Performance - International Federation of Accountants

United States

Authority control databases: National Edit this at Wikidata

o Israel

#### Check our other pages:

- Optimizing Documentation for Risk Adjustment
- Streamlining Patient Registration Workflows
- Case Studies in Revenue Cycle Turnaround
- Managing Denials Due to Prior Authorization

#### **Frequently Asked Questions**

What are the most common coding errors that lead to claim denials?

Common coding errors include incorrect use of CPT or ICD codes, mismatched diagnosis and procedure codes, missing modifiers, outdated code usage, and insufficient documentation to support the coded services.

How can I identify a coding error in a denied claim?
Review the explanation of benefits (EOB) or denial reason from the payer. Cross-reference with medical records and billing information to spot discrepancies such as incorrect codes, lack of necessary documentation, or data entry mistakes.
What steps should be taken once a coding error is identified in a denied claim?
First, verify the error against clinical documentation. Correct any inaccuracies in coding or documentation. Then resubmit the corrected claim to the insurance company with an appeal letter if necessary.
How can medical coders prevent future claim denials due to coding errors?
Implement regular training for coders on current coding guidelines, conduct internal audits for accuracy, utilize automated software checks for common errors, and maintain open communication with healthcare providers for accurate documentation.
What resources are available for staying updated on accurate medical coding practices?

Coders can refer to resources like the American Academy of Professional Coders (AAPC), updates from CMS (Centers for Medicare & Medicaid Services), official ICD-10-CM/PCS guidelines, webinars from professional organizations, and continuing education opportunities.

Altrust Services

Phone : (813) 592-3807

City: Clearwater

State : FL

Zip: 33765

Address: 3000 Gulf to Bay Blvd Suite 313

Company Website: https://altrustservices.com/

USEFUL LINKS

medical staffing

medical staffing agencies

american medical staffing

consolidated medical staffing

Sitemap

**Privacy Policy** 

About Us

Follow us